

# CHINO BASIN WATERMASTER



## NOTICE OF MEETINGS

**Thursday, July 19, 2018**

- 9:00 a.m. – Appropriative Pool Meeting
- 11:00 a.m. – Non-Agricultural Pool Meeting
- 1:30 p.m. – Agricultural Pool Meeting

*AT THE CHINO BASIN WATERMASTER OFFICES  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730  
(909) 484-3888*

# **CHINO BASIN WATERMASTER**

**Thursday, July 19, 2018**

9:00 a.m. – Appropriative Pool Meeting  
11:00 a.m. – Non-Agricultural Pool Meeting  
1:30 p.m. – Agricultural Pool Meeting

***POOL AGENDAS***

**CHINO BASIN WATERMASTER  
APPROPRIATIVE POOL MEETING**

9:00 a.m. – July 19, 2018

**WITH**

*Ms. Teri Layton, Chair*

*Mr. Van Jew, Vice-Chair*

**At The Offices Of**

**Chino Basin Watermaster**

9641 San Bernardino Road

Rancho Cucamonga, CA 91730

**AGENDA**

**CALL TO ORDER**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.**

**A. MINUTES**

Approve as presented:

1. Minutes of the Appropriative Pool Meeting held June 14, 2018 *(Page 1)*

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2018 *(Page 15)*
2. Watermaster VISA Check Detail for the month of May 2018 *(Page 27)*
3. Combining Schedule for the Period July 1, 2017 through May 31, 2018 *(Page 31)*
4. Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 *(Page 35)*
5. Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018 *(Page 39)*

**C. APPLICATION FOR RECHARGE *(Page 65)***

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

**II. BUSINESS ITEMS**

**A. FISCAL YEAR 2017/18 BUDGET TRANSFER (FORM T-18-06-01) *(Page 83)***

Recommend to the Advisory Committee to approve Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) as presented.

**B. ADVISORY COMMITTEE REQUEST FOR WATERMASTER ASSISTANCE *(Page 129)***

Discuss and possibly take action and make recommendations to the Advisory Committee.

1. Exhibit "G" Transfer Rate Amendment
2. Peace Agreement Paragraph 5.3(e) Interpretation
3. Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

- 1. Appeal of April 28, 2017 Order
- 2. July 24, 2018 Hearing
- 3. Overlying (Agricultural) Pool Committee’s Consolidated and Amended Contests
- 4. General Manager Performance Evaluation

**B. ENGINEER REPORT**

- 1. Storage Framework
- 2. Ground-Level Monitoring Committee Annual Report

**C. CFO REPORT**

- 1. Audit of FY 2016/17 Groundwater Recharge O&M Expenses
- 2. Watermaster FTP Site

**D. GM REPORT**

- 1. SGMA Update
- 2. Recharge Master Plan Update
- 3. RMPU Project 23a Grant
- 4. Other

**IV. INFORMATION**

- 1. Cash Disbursements for June 2018 *(Page 129)*
- 2. Recharge Investigations and Projects Committee (RIPCom) *(Page 139)*

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

- 1. Appropriative Pool Strategic Planning Discussion

**VIII. FUTURE MEETINGS AT WATERMASTER**

7/19/18	Thu	9:00 a.m.	Appropriative Pool *
7/19/18	Thu	11:00 a.m.	Non-Agricultural Pool*
7/19/18	Thu	1:30 p.m.	Agricultural Pool*
7/25/18	Wed	1:30 p.m.	Recharge Investigations and Projects Committee (Held at IEUA)**
7/26/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)**
7/26/18	Thu	9:00 a.m.	Advisory Committee**
7/26/18	Thu	9:30 a.m.	2018 RMPU Steering Committee #6**
7/26/18	Thu	11:00 a.m.	Watermaster Board

\* Rescheduled from 7/12/18

\*\* Rescheduled from 7/19/18

**ADJOURNMENT**

**CHINO BASIN WATERMASTER  
NON-AGRICULTURAL POOL MEETING**

11:00 a.m. – July 19, 2018

**WITH**

*Mr. Brian Geye, Chair*

*Mr. Bob Bowcock, Vice-Chair*

**(800) 930-9525 PASS CODE: 917924**

**Call can be taken at**

**Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730**

**AGENDA**

**CALL TO ORDER**

**ROLL CALL**

**AGENDA – ADDITIONS/REORDER**

**I. BUSINESS ITEMS - ROUTINE**

**A. MINUTES**

Receive and file as presented:

1. Minutes of the Non-Agricultural Pool Meeting held June 14, 2018 *(Page 5)*

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2018 *(Page 15)*
2. Watermaster VISA Check Detail for the month of May 2018 *(Page 27)*
3. Combining Schedule for the Period July 1, 2017 through May 31, 2018 *(Page 31)*
4. Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 *(Page 35)*
5. Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018 *(Page 39)*

**C. APPLICATION FOR RECHARGE *(Page 65)***

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

**II. BUSINESS ITEMS**

**A. FISCAL YEAR 2017/18 BUDGET TRANSFER (FORM T-18-06-01) *(Page 83)***

Recommend to the Advisory Committee to approve Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) as presented.

**B. ADVISORY COMMITTEE REQUEST FOR WATERMASTER ASSISTANCE *(Page 129)***

Discuss and possibly take action and make recommendations to the Advisory Committee.

1. Exhibit "G" Transfer Rate Amendment
2. Peace Agreement Paragraph 5.3(e) Interpretation
3. Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order

**C. STORAGE APPLICATION (DISCUSSION ONLY)**

**D. MEMBER STATUS CHANGES (For Discussion and Possible Action)**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).
4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Hearing
3. Overlying (Agricultural) Pool Committee's Consolidated and Amended Contests
4. General Manager Performance Evaluation

**B. ENGINEER REPORT**

1. Storage Framework
2. Ground-Level Monitoring Committee Annual Report

**C. CFO REPORT**

1. Audit of FY 2016/17 Groundwater Recharge O&M Expenses
2. Watermaster FTP Site

**D. GM REPORT**

1. SGMA Update
2. Recharge Master Plan Update
3. RMPU Project 23a Grant
4. Other

**IV. INFORMATION**

1. Cash Disbursements for June 2018 (*Page 129*)
2. Recharge Investigations and Projects Committee (RIPCom) (*Page 139*)

**V. POOL MEMBER COMMENTS**

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

1. Storage Application
2. Exhibit "G" Transfer Rate Amendment
3. Peace Agreement Paragraph 5.3(e) Interpretation
4. Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order
5. Agricultural Pool Motion Regarding 40th Annual Report

**VIII. FUTURE MEETINGS AT WATERMASTER**

7/19/18	Thu	9:00 a.m.	Appropriative Pool *
7/19/18	Thu	11:00 a.m.	Non-Agricultural Pool*
7/19/18	Thu	1:30 p.m.	Agricultural Pool*
7/25/18	Wed	1:30 p.m.	Recharge Investigations and Projects Committee (Held at IEUA)**
7/26/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)**
7/26/18	Thu	9:00 a.m.	Advisory Committee**
7/26/18	Thu	9:30 a.m.	2018 RMPU Steering Committee #6**
7/26/18	Thu	11:00 a.m.	Watermaster Board

\* Rescheduled from 7/12/18

\*\* Rescheduled from 7/19/18

**ADJOURNMENT**

**CHINO BASIN WATERMASTER  
AGRICULTURAL POOL MEETING**

1:30 p.m. – July 19, 2018

**WITH**

*Mr. Bob Feenstra, Chair  
Mr. Jeff Pierson, Vice-Chair*

**At The Offices Of  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730**

**AGENDA**

**CALL TO ORDER**

**AGENDA - ADDITIONS/REORDER**

**I. CONSENT CALENDAR**

**Note: All matters listed under the Consent Calendar are considered to be routine and non-controversial and will be acted upon by one motion in the form listed below. There will be no separate discussion on these items prior to voting unless any members, staff, or the public requests specific items be discussed and/or removed from the Consent Calendar for separate action.**

**A. MINUTES**

Approve as presented:

1. Minutes of the Agricultural Pool Meeting held on June 15, 2018 *(Page 9)*

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of May 2018 *(Page 15)*
2. Watermaster VISA Check Detail for the month of May 2018 *(Page 27)*
3. Combining Schedule for the Period July 1, 2017 through May 31, 2018 *(Page 31)*
4. Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 *(Page 35)*
5. Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018 *(Page 39)*

**C. APPLICATION FOR RECHARGE *(Page 65)***

Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

**II. BUSINESS ITEMS**

**A. FISCAL YEAR 2017/18 BUDGET TRANSFER (FORM T-18-06-01) *(Page 83)***

Recommend to the Advisory Committee to approve Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) as presented.

**B. ADVISORY COMMITTEE REQUEST FOR WATERMASTER ASSISTANCE** *(Page 129)*

Discuss and possibly take action and make recommendations to the Advisory Committee.

1. Exhibit "G" Transfer Rate Amendment
2. Peace Agreement Paragraph 5.3(e) Interpretation
3. Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order

**C. OLD BUSINESS**

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Hearing
3. Overlying (Agricultural) Pool Committee's Consolidated and Amended Contests
4. General Manager Performance Evaluation

**B. ENGINEER REPORT**

1. Storage Framework
2. Ground-Level Monitoring Committee Annual Report

**C. CFO REPORT**

1. Audit of FY 2016/17 Groundwater Recharge O&M Expenses
2. Watermaster FTP Site

**D. GM REPORT**

1. SGMA Update
2. Recharge Master Plan Update
3. RMPU Project 23a Grant
4. Other

**IV. INFORMATION**

1. Cash Disbursements for June 2018 *(Page 129)*
2. Recharge Investigations and Projects Committee (RIPCom) *(Page 139)*

**V. POOL DISCUSSION**

1. Chairman's Update
2. Pool Member Comments

**VI. OTHER BUSINESS**

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

A Confidential Session may be held during the Pool Committee meeting for the purpose of discussion and possible action.

1. Appeal of April 28, 2017 Order
2. Advisory Committee Request For Watermaster Assistance
3. July 24, 2018 Hearing
4. Storage Contest

**VIII. FUTURE MEETINGS AT WATERMASTER**

7/19/18	Thu	9:00 a.m.	Appropriative Pool *
7/19/18	Thu	11:00 a.m.	Non-Agricultural Pool*
7/19/18	Thu	1:30 p.m.	Agricultural Pool*
7/25/18	Wed	1:30 p.m.	Recharge Investigations and Projects Committee (Held at IEUA)**
7/26/18	Thu	8:00 a.m.	Appropriative Pool Strategic Planning (Confidential Session Only)**
7/26/18	Thu	9:00 a.m.	Advisory Committee**
7/26/18	Thu	9:30 a.m.	2018 RMPU Steering Committee #6**
7/26/18	Thu	11:00 a.m.	Watermaster Board

\* Rescheduled from 7/12/18

\*\* Rescheduled from 7/19/18

**ADJOURNMENT**

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Appropriative Pool Meeting held on June 14, 2018

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**APPROPRIATIVE POOL MEETING**

June 14, 2018

The Appropriative Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on June 14, 2018.

**APPROPRIATIVE POOL MEMBERS PRESENT**

Teri Layton, Chair  
Van Jew, Vice-Chair  
Dave Crosley  
Rosemary Hoerning  
John Bosler  
Todd Corbin  
Josh Swift for Eric Tarango  
Cris Fealy  
Ron Craig  
Darron Poulsen  
Greg Gage  
Bob Page  
Katie Gienger for Scott Burton

San Antonio Water Company  
Monte Vista Water District  
City of Chino  
City of Upland  
Cucamonga Valley Water District  
Jurupa Community Services District  
Fontana Union Water Company  
Fontana Water Company  
City of Chino Hills  
City of Pomona  
West Valley Water District  
County of San Bernardino  
City of Ontario

**WATERMASTER BOARD MEMBER PRESENT**

Eunice Ulloa

City of Chino

**WATERMASTER STAFF PRESENT**

Peter Kavounas  
Joseph Joswiak  
Edgar Tellez Foster  
Anna Nelson  
Justin Nakano

General Manager  
Chief Financial Officer  
Senior Environmental Engineer  
Executive Services Director/Board Clerk  
Water Resources Senior Associate

**WATERMASTER CONSULTANTS PRESENT**

Brad Herrema  
Mark Wildermuth  
Andy Malone

Brownstein Hyatt Farber Schreck, LLP  
Wildermuth Environmental, Inc.  
Wildermuth Environmental, Inc.

**OTHERS PRESENT**

Curtis Paxton  
Shaun Stone  
Marsha Westropp  
Eric Grubb  
Steve Sentes  
Derek Wieske  
Eduardo Espinoza  
David De Jesus  
Matt Litchfield  
Raul Garibay  
Manny Martinez  
John Schatz

Chino Basin Desalter Authority  
Inland Empire Utilities Agency  
Orange County Water District  
Cucamonga Valley Water District  
Chino Basin Water Conservation District  
Chino Basin Water Conservation District  
Cucamonga Valley Water District  
Three Valleys Municipal Water District  
Three Valleys Municipal Water District  
City of Pomona  
Monte Vista Water District  
John J. Schatz, Attorney at Law

**CALL TO ORDER**

Chair Layton called the Appropriative Pool meeting to order at 9:00 a.m.

**AGENDA – ADDITIONS/REORDER**

(0:00:11) Chair Layton requested to take Business Items I.C. through I.E. after confidential session.

**I. CONSENT CALENDAR**

**A. MINUTES**

Approve as presented:

1. Minutes of the Appropriative Pool Meeting held May 10, 2018

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of April 2018
2. Watermaster VISA Check Detail for the month of April 2018
3. Combining Schedule for the Period July 1, 2017 through April 30, 2018
4. Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018

**C. APPLICATION FOR RECHARGE**

Recommend Advisory Committee to recommend to the Watermaster Board to approve San Antonio Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in San Antonio Water Company's existing Local Supplemental Storage account.

**D. WATER TRANSACTIONS**

Provide advice and assistance to the Watermaster Board on the proposed transactions:

1. The transfer of 80.000 acre-feet of water from West End Consolidated Water Company to Golden State Water Company. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.
2. The transfer of 853.677 acre-feet of water from West End Consolidated Water Company to City of Upland. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

(0:00:45)

*Motion by Mr. Ron Craig, seconded by Mr. John Bosler, and by unanimous vote*

***Moved to approve the Consent Calendar as presented.***

**II. BUSINESS ITEMS**

**A. TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS TECHNICAL SUPPORT FOR ANALYSIS OF THE UPPER SANTA ANA RIVER GROUNDWATER INTEGRATED MODEL**

Recommend to the Advisory Committee to approve Task Order No. 2 (Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model).

(0:01:04) Mr. Kavounas introduced Mr. Tellez Foster to give a report on Business Item II.A. A discussion ensued.

(0:02:01) Mr. Page joined the meeting at 9:01 a.m.

(0:04:52)

*Motion by Vice-Chair Van Jew, seconded by Mr. Todd Corbin, and by unanimous vote*

***Moved to approve Business Item II.A. as presented.***

**B. 2017 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE**

Offer advice and assistance.

(0:05:10) Mr. Kavounas introduced Mr. Malone to give a presentation on Business Item II.B. A discussion ensued.

(0:14:04)

*Motion by Mr. Todd Corbin, seconded by Mr. Darron Poulsen, and by unanimous vote*

***Moved to recommend Business Item II.B. to the Advisory Committee to receive and file.***

(0:14:23) Chair Layton opted for the Pool to hear Report Items III.A. through III.D. before going into confidential session.

**C. EXHIBIT "G" TRANSFER RATE AMENDMENT**

Offer advice and assistance on amending Section 9(d) of Exhibit "G" regarding the transfer rate.

**D. PEACE AGREEMENT PARAGRAPH 5.3(e) INTERPRETATION**

Offer advice and assistance on the interpretation of the language.

**E. AMENDMENTS TO JUDGMENT AND CAMA TO IMPLEMENT SETTLEMENT AGREEMENT REGARDING APPEAL FROM APRIL 28, 2017 ORDER**

Discuss and offer advice.

The Pool took Business Items II.C. through II.E. during confidential session and the reportable action is provided in sequence below.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Court Hearing

(0:14:37) Mr. Herrema gave a report.

**B. ENGINEER REPORT**

1. Storage Framework
2. 2018 Recharge Master Plan Update
3. Salinity Management

(0:16:07) Mr. Wildermuth gave a report on Item III.B.1. A discussion ensued.

(0:34:56) Mr. Malone gave reports on Items III.B.2. and III.B.3.

**C. CFO REPORT**

1. FY 2017/18 Budget Transfers

(0:36:57) Mr. Joswiak gave a report. A discussion ensued.

**D. GM REPORT**

1. Future Assessment Packages
2. July 2018 Meeting Schedule
3. Other

(0:40:36) Mr. Kavounas gave a report. A discussion ensued.

**IV. INFORMATION**

- 1. Cash Disbursements for May 2018

**V. POOL MEMBER COMMENTS**

(0:45:49) Mr. Corbin commented on Business Items II.C. through II.E. from the Six-Pack's perspective.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Chair Layton called for a confidential session at 9:48 a.m. to discuss Appropriative Pool Strategic Planning, Exhibit "G" Transfer Rate Amendment, Peace Agreement Paragraph 5.3(e) Interpretation, Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order. Confidential session concluded at 11:45 a.m. with the following reportable action:

(0:49:26)

- 1. The Pool recognizes that Business Items II.C. through II.E. are closely interrelated, and direct the Appropriative Pool's legal counsel to work with Watermaster's legal counsel as to the process to move it forward.

**ADJOURNMENT**

Chair Layton adjourned the Appropriative Pool meeting at 11:45 a.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

# **CHINO BASIN WATERMASTER**

## **I. BUSINESS ITEM – ROUTINE**

### **A. MINUTES**

1. Non-Agricultural Pool Meeting held on June 14, 2018

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**NON-AGRICULTURAL POOL MEETING**

June 14, 2018

The Non-Agricultural Pool meeting was held at the offices of Chino Basin Watermaster and via conference call using the Chino Basin Watermaster conference call number on June 14, 2018.

**NON-AGRICULTURAL POOL MEMBERS PRESENT AT WATERMASTER**

Brian Geye, Chair	California Speedway Corporation
Bob Page	County of San Bernardino (Non-Ag)

**NON-AGRICULTURAL POOL MEMBERS PRESENT ON CALL**

Ramsey Haddad	California Steel Industries, Inc.
Kevin Sage for Bob Bowcock	Calmat Co.
Tom O'Neill	City of Ontario (Non-Ag)

**WATERMASTER STAFF PRESENT AT WATERMASTER**

Peter Kavounas	General Manager
Joseph Joswiak	Chief Financial Officer
Edgar Tellez Foster	Senior Environmental Engineer
Anna Nelson	Executive Services Director/Board Clerk
Justin Nakano	Water Resources Senior Associate

**WATERMASTER CONSULTANTS PRESENT AT WATERMASTER**

Brad Herrema	Brownstein Hyatt Farber Schreck, LLP
Mark Wildermuth	Wildermuth Environmental, Inc.
Andy Malone	Wildermuth Environmental, Inc.

**OTHERS PRESENT ON CALL**

Andrew Silva	County of San Bernardino (Non-Ag)
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**NON-AGRICULTURAL POOL LEGAL COUNSEL PRESENT ON CALL**

Allen Hubsch	Loeb & Loeb, LLP
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**CALL TO ORDER**

Chair Geye called the Non-Agricultural Pool meeting to order at 11:00 a.m.

**ROLL CALL**

Ms. Nelson conducted the roll call.

**AGENDA – ADDITIONS/REORDER**

None

**I. BUSINESS ITEMS - ROUTINE**

**A. MINUTES**

Receive and file as presented:

1. Minutes of the Non-Agricultural Pool Meeting held May 10, 2018

(0:01:43)

*Motion by Mr. Bob Page, seconded by Mr. Ramsey Haddad. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.A. as presented.***

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of April 2018
2. Watermaster VISA Check Detail for the month of April 2018
3. Combining Schedule for the Period July 1, 2017 through April 30, 2018
4. Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018

(0:02:10)

*Motion by Mr. Bob Page, seconded by Mr. Tom O'Neill. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to receive and file Business Item I.B. without approval as presented.***

**C. APPLICATION FOR RECHARGE**

Recommend Advisory Committee to recommend to the Watermaster Board to approve San Antonio Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in San Antonio Water Company's existing Local Supplemental Storage account.

(0:02:29)

*Motion by Mr. Bob Page, seconded by Mr. Tom O'Neill. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to approve staff recommendation of Business Item I.C. as presented and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**D. WATER TRANSACTIONS**

Provide advice and assistance to the Watermaster Board on the proposed transactions:

1. The transfer of 80.000 acre-feet of water from West End Consolidated Water Company to Golden State Water Company. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.
2. The transfer of 853.677 acre-feet of water from West End Consolidated Water Company to City of Upland. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

(0:02:57)

*Motion by Mr. Bob Page, seconded by Mr. Tom O'Neill. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to approve staff recommendation of Business Item I.D. as presented and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**II. BUSINESS ITEMS****A. TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS TECHNICAL SUPPORT FOR ANALYSIS OF THE UPPER SANTA ANA RIVER GROUNDWATER INTEGRATED MODEL**

Recommend to the Advisory Committee to approve Task Order No. 2 (Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model).

(0:03:25) Mr. Kavounas introduced Mr. Tellez Foster to give a report on Business Item II.A. A discussion ensued.

(0:06:36)

*Motion by Mr. Bob Page, seconded by Mr. Ramsey Haddad. The Chair called for dissent, and, none being noted, the motion was deemed passed by unanimous vote of those present.*

***Moved to approve staff recommendation of Business Item II.A., and to direct the Pool representatives to support at the Advisory Committee and Watermaster Board meetings subject to changes which they deem appropriate.***

**B. 2017 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE**

Offer advice and assistance.

(0:07:03) Mr. Kavounas introduced Mr. Malone to give a presentation on Business Item II.B. A discussion ensued.

(0:10:55) Mr. Kavounas shared with the Pool that the Appropriative Pool recommended Business Item II.B. to the Advisory Committee and Board to receive and file. Mr. Geye stated that the Non-Agricultural Pool concurs.

**C. EXHIBIT "G" TRANSFER RATE AMENDMENT**

Offer advice and assistance on amending Section 9(d) of Exhibit "G" regarding the transfer rate.

**D. PEACE AGREEMENT PARAGRAPH 5.3(e) INTERPRETATION**

**E. AMENDMENTS TO JUDGMENT AND CAMA TO IMPLEMENT SETTLEMENT AGREEMENT REGARDING APPEAL FROM APRIL 28, 2017 ORDER**

Discuss and offer advice.

The Pool took Business Items II.C. through II.E. during confidential session and the reportable action is provided in sequence below.

**F. MEMBER STATUS CHANGES (For Discussion and Possible Action)**

1. Any proposed transfer of Safe Yield by a Member.
2. Any transfer of Safe Yield that has actually closed or been completed.
3. Any change in name or corporate identity of a Member (such as results from a merger or filing of a change of name certificate).
4. Any change in the name of a representative or alternate representative of a Member, or a change in e-mail address for either such person.

(0:12:28) Ms. Nelson stated that staff has no changes to report.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Court Hearing

(0:12:36) Mr. Herrema gave a report.

**B. ENGINEER REPORT**

1. Storage Framework
2. 2018 Recharge Master Plan Update
3. Salinity Management

(0:13:55) Mr. Kavounas introduced Mr. Wildermuth to give a presentation on Item III.B.1. A discussion ensued.

(0:28:33) Mr. Malone gave reports on Items III.B.2. and III.B.3.

**C. CFO REPORT**

- 1. FY 2017/18 Budget Transfers

(0:30:25) Mr. Joswiak gave a report.

**D. GM REPORT**

- 1. Future Assessment Packages
- 2. July 2018 Meeting Schedule
- 3. Other

(0:32:30) Mr. Kavounas gave a report. A discussion ensued.

**IV. INFORMATION**

- 1. Cash Disbursements for May 2018

**V. POOL MEMBER COMMENTS**

None

**VII. OTHER BUSINESS**

None

**VIII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Chair Geye called for a confidential session at 11:36 a.m. to discuss Appropriative Pool Strategic Planning, Exhibit "G" Transfer Rate Amendment, Peace Agreement Paragraph 5.3(e) Interpretation, Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order. Confidential session concluded at 12:21 p.m. with the following reportable action:

(0:36:40)

- 1. The Non-Agricultural Pool believes that Business Items II.C. through II.E. are all related. With regard to Item II.C., the Non-Agricultural Pool supports an Exhibit "G" Transfer Rate Amendment allowing the Non-Agricultural Pool to solely decide the price at which to offer water for sale. The Non-Agricultural Pool directs Pool counsel and Pool Chair to work with the Appropriative Pool, legal counsel, and Watermaster, to determine final language to amend Exhibit "G," and file the necessary papers with the Court.
- 2. With regard to Item II.D., the Non-Agricultural Pool supports the Peace Agreement Paragraph 5.3(e) Interpretation that any individual Non-Agricultural Pool party can make direct arrangements with any individual Appropriative Pool party, and pursuant to those arrangements, transfer their water to Watermaster toward the Desalter Replenishment Obligation of that individual Appropriative Pool party. The Non-Agricultural Pool directs Pool counsel and Pool Chair to work with the Appropriative Pool, legal counsel, and Watermaster to determine final language and implement the procedures allowing such transactions.
- 3. With regard to Item II.E., the Non-Agricultural Pool has directed Pool counsel review the proposed changes to the Judgment, and specifically request that Paragraph 5.3(e) interpretation be included in a revised settlement agreement draft.

**ADJOURNMENT**

Chair Geye adjourned the Non-Agricultural Pool meeting at 12:24 p.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR**

### **A. MINUTES**

1. Agricultural Pool Meeting held on June 15, 2018

**DRAFT MINUTES**  
**CHINO BASIN WATERMASTER**  
**AGRICULTURAL POOL MEETING**

June 15, 2018

The Agricultural Pool meeting was held at the offices of Chino Basin Watermaster located at 9641 San Bernardino Road, Rancho Cucamonga, CA on June 15, 2018.

**AGRICULTURAL POOL MEMBERS PRESENT**

Bob Feenstra, Chair  
Jeff Pierson, Vice-Chair  
Pete Hall  
Lawrence Dimock  
Ron LaBrucherie, Jr.  
Marilyn Levin for Carol Boyd  
Geoffrey Vanden Heuvel  
Nathan deBoom  
Bob Page  
Ronald Pietersma  
Henry De Haan

Dairy  
Crops  
State of California – CIM  
State of California – CIM  
Crops  
State of California – DOJ  
Dairy  
Dairy  
County of San Bernardino  
Dairy  
Dairy

**WATERMASTER BOARD MEMBER PRESENT**

Paul Hofer

Crops

**WATERMASTER STAFF PRESENT**

Peter Kavounas  
Joseph Joswiak  
Edgar Tellez Foster  
Anna Nelson

General Manager  
Chief Financial Officer  
Senior Environmental Engineer  
Executive Services Director/Board Clerk

**WATERMASTER CONSULTANTS PRESENT**

Brad Herrema  
Mark Wildermuth

Brownstein Hyatt Farber Schreck, LLP  
Wildermuth Environmental, Inc.

**OTHERS PRESENT**

Todd Corbin  
Dave Crosley  
Tracy Egoscue  
Richard Rees

Jurupa Community Services District  
City of Chino  
Egoscue Law Group, Inc.  
Wood plc

**CALL TO ORDER**

Chair Feenstra called the Agricultural Pool meeting to order at 11:00 a.m.

**AGENDA – ADDITIONS/REORDER**

None

**I. CONSENT CALENDAR**

**A. MINUTES**

Approve as presented:

1. Minutes of the Agricultural Pool Meeting held on May 11, 2018

**B. FINANCIAL REPORTS**

Receive and file as presented:

1. Cash Disbursements for the month of April 2018
2. Watermaster VISA Check Detail for the month of April 2018
3. Combining Schedule for the Period July 1, 2017 through April 30, 2018

4. Treasurer's Report of Financial Affairs for the Period April 1, 2018 through April 30, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through April 30, 2018

### C. APPLICATION FOR RECHARGE

Recommend Advisory Committee to recommend to the Watermaster Board to approve San Antonio Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in San Antonio Water Company's existing Local Supplemental Storage account.

### D. WATER TRANSACTIONS

Provide advice and assistance to the Watermaster Board on the proposed transactions:

1. The transfer of 80.000 acre-feet of water from West End Consolidated Water Company to Golden State Water Company. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. Golden State Water Company is utilizing this transaction to produce its West End Consolidated Water Company shares.
2. The transfer of 853.677 acre-feet of water from West End Consolidated Water Company to City of Upland. This transfer is made from West End Consolidated Water Company's Annual Production Right/Operating Safe Yield first, then any additional from Excess Carryover. The City of Upland is utilizing this transaction to produce its West End Consolidated Water Company shares.

(0:01:08) Vice-Chair Pierson inquired about Consent Calendar Item I.D. A discussion ensued.

(0:02:20)

*Motion by Mr. Nathan deBoom seconded by Mr. Geoffrey Vanden Heuvel, and by unanimous vote*  
***Moved to approve the Consent Calendar as presented.***

## II. BUSINESS ITEMS

### A. TASK ORDER NO. 2 UNDER MASTER AGREEMENT FOR COLLABORATIVE PROJECTS TECHNICAL SUPPORT FOR ANALYSIS OF THE UPPER SANTA ANA RIVER GROUNDWATER INTEGRATED MODEL

Recommend to the Advisory Committee to approve Task Order No. 2 (Technical Support for Analysis of the Upper Santa Ana River Groundwater Integrated Model).

(0:02:50) Mr. Kavounas introduced Mr. Tellez Foster to give a report.

(0:04:37) Motion introduced by Vice-Chair Pierson.

(0:05:08) Messrs. Pietersma and Page joined the meeting

(0:05:27) Chair Feenstra asked Mr. Tellez Foster to briefly give the report for Item II.A. again for the benefit of those who just joined the meeting.

(0:06:53) *Vote taken*

*Motion by Vice-Chair Jeff Pierson seconded by Mr. Geoffrey Vanden Heuvel, and by unanimous vote*  
***Moved to approve Business Item II.A. as presented.***

### B. 2017 ANNUAL REPORT OF THE PRADO BASIN HABITAT SUSTAINABILITY COMMITTEE

Offer advice and assistance.

(0:06:58) Mr. Kavounas gave a report.

(0:08:11)

*Motion by Vice-Chair Jeff Pierson seconded by Mr. Ron LaBrucherie, Jr., and by unanimous vote*  
***Moved to recommend Business Item II.B. to the Advisory Committee to receive and file.***

**C. EXHIBIT “G” TRANSFER RATE AMENDMENT**

Offer advice and assistance on amending Section 9(d) of Exhibit “G” regarding the transfer rate.

(0:08:51) Ms. Egoscue requested information from staff as to action taken by the Appropriative and Non-Agricultural Pools regarding Business Items II.C. through II.E. before the Pool goes into confidential session.

(0:09:20) Mr. Kavounas gave a report. A discussion ensued.

**D. PEACE AGREEMENT PARAGRAPH 5.3(e) INTERPRETATION**

Offer advice and assistance on the interpretation of the language.

(0:16:30) Mr. Kavounas gave a report. A discussion ensued.

**E. AMENDMENTS TO JUDGMENT AND CAMA TO IMPLEMENT SETTLEMENT AGREEMENT REGARDING APPEAL FROM APRIL 28, 2017 ORDER**

Discuss and offer advice.

(0:21:45) Mr. Corbin gave a report. A discussion ensued.

(0:32:36) Mr. Crosley concurred with Mr. Corbin’s explanation of Business Item II.E., and offered his assistance in answering the Agricultural Pool’s question. A discussion ensued.

The Pool took Business Items II.C. through II.E. during confidential session and the reportable actions are provided in sequence below.

**F. OLD BUSINESS**

- Chino Basin Groundwater Quality Information

(1:11:55) Mr. Wildermuth gave a presentation. A discussion ensued.

**III. REPORTS/UPDATES**

**A. LEGAL COUNSEL REPORT**

1. Appeal of April 28, 2017 Order
2. July 24, 2018 Court Hearing

(1:26:57) Mr. Herrema stated that in light of the Pool’s action during confidential session, he had nothing new to report.

**B. ENGINEER REPORT**

1. Storage Framework
2. 2018 Recharge Master Plan Update
3. Salinity Management

(0:38:55) Mr. Wildermuth to give a presentation on Item III.B.1. A discussion ensued.

Mr. De Haan joined the meeting at 11:47 a.m., during Mr. Wildermuth’s report on Item III.B.1.

(1:01:10) Chair Feenstra called for a confidential session.

(1:27:25) Mr. Wildermuth gave reports on Items III.B.2 and III.B.3. A discussion ensued.

**C. CFO REPORT**

1. FY 2017/18 Budget Transfers

(1:31:24) Mr. Joswiak gave a report.

**D. GM REPORT**

1. Future Assessment Packages
2. July 2018 Meeting Schedule
3. Other

(1:32:46) Mr. Kavounas gave a report. A discussion ensued.

**IV. INFORMATION**

1. Cash Disbursements for May 2018

**V. POOL DISCUSSION**

1. Chairman's Update
  - Pool representation at July Advisory Committee and Board Meeting
2. Pool Member Comments

(1:36:13) Vice-Chair Pierson reported that he will not be present for the July 2018 Advisory Committee and Board Meetings. A discussion ensued.

**VI. OTHER BUSINESS**

None

**VII. CONFIDENTIAL SESSION - POSSIBLE ACTION**

Chair Feenstra called for a confidential session at 12:01 p.m. to discuss Appeal of April 28, 2017 Order, July 24, 2018 Court Hearing, Storage Contest, Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order, Exhibit "G" Transfer Rate Amendment, and Peace Agreement Paragraph 5.3(e) Interpretation.

Ms. Egoscue announced that the confidential session concluded at 1:47 p.m. with the following reportable actions:

(1:01:33)

1. Business Item II.E., Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order:

The Agricultural Pool has received the staff report and documents regarding Business Item II.E., Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order. The Pool committee members have no comments at this time.

*Motion by Mr. Geoffrey Vanden Heuvel, seconded by Mr. Ronald Pietersma, and by unanimous vote.  
**Moved to approve the statement as shown above for Business Item II.E.***

2. Confidential Session, Item VII.3, Storage Contest:  
The Agricultural Pool directs Counsel to file an amended Storage Contest.

*Motion by Mr. Ron LaBrucherie, Jr., seconded by Mr. Nathan deBoom, and by unanimous vote.  
**Moved to approve the Agricultural Pool's Counsel to file an amended Storage Contest.***

3. Confidential Session, Item VII.2, July 24, 2018 Court Hearing:

The Agricultural Pool directs its legal counsel to file an opposition to Watermaster's motion for the Court to receive and file the Chino Basin Watermaster's 40<sup>th</sup> Annual Report, and to receive live testimony.

*Motion by Mr. Nathan deBoom seconded by Mr. Pete Hall, and by unanimous vote.*

***Moved to approve the Agricultural Pool's Counsel to file an opposition to Watermaster's Motion for the Court to receive and file the 40<sup>th</sup> Annual Report, and to receive live testimony.***

**ADJOURNMENT**

Chair Feenstra adjourned the Agricultural Pool meeting at 2:24 p.m.

Secretary: \_\_\_\_\_

Approved: \_\_\_\_\_

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# CHINO BASIN WATERMASTER

## **I. CONSENT CALENDAR (App & Ag Pool)**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of May 2018
2. Watermaster VISA Check Detail for the month of May 2018
3. Combining Schedule for the Period July 1, 2017 through May 31, 2018
4. Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018

## **I. BUSINESS ITEMS – ROUTINE (Non-Ag Pool)**

### **B. FINANCIAL REPORTS**

1. Cash Disbursements for the month of May 2018
2. Watermaster VISA Check Detail for the month of May 2018
3. Combining Schedule for the Period July 1, 2017 through May 31, 2018
4. Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018
5. Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Cash Disbursement Report - Financial Report B1 (May 31, 2018)

### SUMMARY

Issue: Record of Cash Disbursements for the month of May 2018.

Recommendation: Receive and file Cash Disbursements for May 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

### Future Consideration

Appropriative Pool – July 19, 2018: Receive and File  
Non-Agricultural Pool – July 19, 2018: Receive and File  
Agricultural Pool – July 19, 2018: Receive and File  
Advisory Committee – July 26, 2018: Receive and File  
Watermaster Board – July 26, 2018: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND

A monthly cash disbursement report is provided to keep all members apprised of Watermaster expenditures.

## DISCUSSION

Total cash disbursements during the month of May 2018 were \$950,449.38.

The most significant expenditures during the month were to Inland Empire Utilities Agency in the amount of \$459,262.50 (check number 20827 dated May 31, 2018); Wildermuth Environmental, Inc. in the amount of \$203,274.26 (check number 20811 dated May 22, 2018); and Brownstein Hyatt Farber Schreck in the amount of \$90,509.45 (check number 20824 dated May 30, 2018).

## ATTACHMENTS

1. Financial Report - B1

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/03/2018	ACH 050318	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	04/18/2018	1394905143		1394905143	60182.1 · Medical Insurance	8,440.38
TOTAL						8,440.38
General Journal	05/05/2018	05/05/2018	Payroll and Taxes for 04/22/18-05/05/18	Payroll and Taxes for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	26,160.26
				Payroll Taxes for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	8,423.45
			ICMA-RC	457(b) Employee Deductions for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 04/22/18-05/05/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						40,625.03
Bill Pmt -Check	05/10/2018	20775	ACCENT COMPUTER SOLUTIONS, INC.	IT Managed Services - Hardware Purchases	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	121316		ETF laptop-balance due	6055 · Computer Hardware	1,431.91
Bill	04/30/2018	121411		Wireless access points-balance due	6055 · Computer Hardware	1,680.89
TOTAL						3,112.80
Bill Pmt -Check	05/10/2018	20776	APPLIED COMPUTER TECHNOLOGIES	2973	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	2973		Database Consulting - April 2018	6052.2 · Applied Computer Technol	4,815.40
TOTAL						4,815.40
Bill Pmt -Check	05/10/2018	20777	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	XXXX-XXXX-XXXX-9341		Toner cartridges for CFO's printer	6031.7 · Other Office Supplies	249.00
				Overwatch/firewall - 50% deposit	6055 · Computer Hardware	1,750.00
				Cloud/FTP replacement - 50% deposit	6055 · Computer Hardware	900.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	327.68
				Office Timeline software	6054 · Computer Software	59.00
				Microsoft software	6054 · Computer Software	99.00
				Reception desk phone headset	6031.7 · Other Office Supplies	15.99
				RZ laptop-50% deposit	6055 · Computer Hardware	1,217.94
				Miscellaneous office supplies	6031.7 · Other Office Supplies	311.10
				Registration-RZ-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	375.00
				Registration-JN & ETF-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	550.00
				Books for office - shorthand	6031.7 · Other Office Supplies	33.40
				Books for office - business writing / minute taking	6031.7 · Other Office Supplies	38.25
				Lunch for storage framework meeting	7604 · PE8&9-Supplies	105.44
				PK flight to ACWA Spring Conference	6191 · Conferences - General	141.96
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Laptop bag - ETF	6031.7 · Other Office Supplies	49.99

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
				Webcam cover - ETF	6031.7 · Other Office Supplies	6.99
				Toner cartridges for office	6031.7 · Other Office Supplies	80.79
				PK meeting w/Geye	8512 · Meeting Expense	64.73
				Lunch for team prep for OBMP Scope Workshop	6909.1 · OBMP Meetings	85.00
				Lunch for WM meeting w/Ag Pool reps	8412 · Meeting Expenses	64.88
				Lunch for WM counsel for meeting w/Ag Pool reps	8412 · Meeting Expenses	13.60
				Lunch for OBMP Scope Workshop	6909.1 · OBMP Meetings	221.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	52.89
				PK mtg w/Elie	6312 · Meeting Expenses	50.87
				PK mtg w/Hoerning	8312 · Meeting Expenses	32.51
				PK mtg w/Bowcock	6312 · Meeting Expenses	37.42
				PK registration-First Annual Groundwater Sustainab	6193.2 · Conference - Registration Fee	430.00
				PK meeting w/Layton, Jew	8312 · Meeting Expenses	59.78
TOTAL						7,454.21
Bill Pmt -Check	05/10/2018	20778	CORELOGIC INFORMATION SOLUTIONS	81888867	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	81888867		81888867	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81888867	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20779	DE BOOM, NATHAN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20780	DE HAAN, HENRY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20781	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/11/2018	4/11 Admin Mtg		4/11/18 meeting w/PK & attorneys re Settlement Pr	6311 · Board Member Compensation	125.00
Bill	04/16/2018	4/16 Admin Mtg		4/16/18 meeting w/PK & attorneys re Settlement Pr	6311 · Board Member Compensation	125.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 meeting w/PK & attorneys re Settlement Pr	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	04/30/2018	4/30 Admin Mtg		4/30/18 meeting w/PK & attorneys re Settlement Pr	6311 · Board Member Compensation	125.00
TOTAL						625.00
Bill Pmt -Check	05/10/2018	20782	EGOSCUE LAW GROUP, INC.	11938	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	11938		Ag Pool Legal Service - April 2018	8467 · Ag Legal & Technical Services	34,362.50

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Financial Report - B1

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						34,362.50
Bill Pmt -Check	05/10/2018	20783	ELIE, STEVEN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2018	4/25 Admin Mtg		4/25/18 Administrative meeting	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	05/10/2018	20784	FEDAK & BROWN LLP	Audit Services	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018			Progress Billing - April 2018	6062 · Audit Services	5,160.00
TOTAL						5,160.00
Bill Pmt -Check	05/10/2018	20785	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 Administrative meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						375.00
Bill Pmt -Check	05/10/2018	20786	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	4/26 Board Meeting		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20787	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/19/2018	4/19 RMPU Mtg		4/19/18 RMPU Steering Committee meeting	6311 · Board Member Compensation	125.00
Bill	04/24/2018	4/24 Budget Mtg		4/24/18 Budget meeting	6311 · Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
Bill Pmt -Check	05/10/2018	20788	KAVOUNAS, PETER	Travel Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018			Travel Expense Reimbursement	6191 · Conferences - General	125.61
TOTAL						125.61
Bill Pmt -Check	05/10/2018	20789	KUHN, BOB	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/02/2018	4/02/18 Conf Call		4/02/18 conference call w/attorneys and board	6311 · Board Member Compensation	125.00
Bill	04/19/2018	4/19 Advisory Comm		4/19/18 Advisory Committee meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	05/10/2018	20790	McMASTER-CARR SUPPLY CO	62299210	1012 · Bank of America Gen'l Ckg	
Bill	05/02/2018	62299210		GW level supplies	7104.7 · Grdwtr Level-WM Staff-Cap Equip	48.34
TOTAL						48.34

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**May 2018**

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/10/2018	20791	PAYCHEX	201802600	1012 - Bank of America Gen'l Ckg	
Bill	04/30/2018	2018042600		April 2018	6012 - Payroll Services	327.50
TOTAL						327.50
Bill Pmt -Check	05/10/2018	20792	PIERSON, JEFFREY	Ag Pool and Board Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool meeting	8411 - Compensation	25.00
				4/12/18 Ag Pool meeting	8470 - Ag Meeting Attend -Special	100.00
Bill	04/19/2018	4/19 Advisory Comm		4/19/18 Advisory Committee meeting	8411 - Compensation	25.00
				4/19/18 Advisory Committee meeting	8470 - Ag Meeting Attend -Special	100.00
Bill	04/19/2018	4/19 RIPCom Mtg		4/19/18 RIPCom meeting	8411 - Compensation	25.00
				4/19/18 RIPCom meeting	8470 - Ag Meeting Attend -Special	100.00
Bill	04/23/2018	4/23 Admin Mtg		4/23/18 Administrative meeting	8411 - Compensation	25.00
				4/23/18 Administrative meeting	8470 - Ag Meeting Attend -Special	100.00
Bill	04/24/2018	4/24 Board Agena		4/24/18 Board Agenda Meeting	6311 - Board Member Compensation	125.00
Bill	04/26/2018	4/26 Board Meeting		4/26/18 Board Meeting	6311 - Board Member Compensation	125.00
TOTAL						750.00
Bill Pmt -Check	05/10/2018	20793	PIETERSMA, RONALD	Ag Pool Member Compensation	1012 - Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 - Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 - Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20794	PREMIERE GLOBAL SERVICES	25716466	1012 - Bank of America Gen'l Ckg	
Bill	04/28/2018	25716466		Pools agenda prep call on 4/03	8312 - Meeting Expenses	7.16
				Pools agenda prep call on 4/03	8412 - Meeting Expenses	7.16
				Pools agenda prep call on 4/03	8512 - Meeting Expense	7.15
				Non-Ag Pool mtg call on 4/12	8512 - Meeting Expense	9.08
				WM coordination call on 4/23	6909.1 - OBMP Meetings	6.22
				Fee - General	6022 - Telephone	49.00
				Fee - Confidential	6022 - Telephone	49.00
				Call on 3/28	6909.1 - OBMP Meetings	6.69
				OP Bands 3 and 4 scenario dev. call on 3/29	6909.1 - OBMP Meetings	9.53
				Attorney/GM call on 4/02	6909.1 - OBMP Meetings	6.20
				WM coordination call on 4/02	6909.1 - OBMP Meetings	13.08
				Attorney/GM call on 4/02	6909.1 - OBMP Meetings	25.62
				Pools agends prep call on 4/03	8312 - Meeting Expenses	2.07
				Pools agenda prep call on 4/03	8412 - Meeting Expenses	2.07
				Pools agenda prep call on 4/03	8512 - Meeting Expense	2.06
				WM coordination call on 4/09	6909.1 - OBMP Meetings	17.07
				Pool mtgs check call on 4/11	8312 - Meeting Expenses	5.92

P20  
TOTAL

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
				Pool mtgs check call on 4/11	8412 · Meeting Expenses	5.92
				Pool mtgs check call on 4/11	8512 · Meeting Expense	5.91
				WM coordination call on 4/16	6909.1 · OBMP Meetings	10.35
				WM coordination call on 4/16	6909.1 · OBMP Meetings	6.50
				WM coordination call on 4/23	6909.1 · OBMP Meetings	6.22
				Pomona extensometer call on 4/23	6909.1 · OBMP Meetings	20.65
				Board agenda preview call on 4/24	6312 · Meeting Expenses	6.22
				Board agenda preview call on 4/24	6312 · Meeting Expenses	6.22
				PK prep for mtg call on 4/26	6909.1 · OBMP Meetings	6.20
				Service fee	6022 · Telephone	11.18
TOTAL						310.45
Bill Pmt -Check	05/10/2018	20795	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	0023230253		Office Water Bottle - April 2018	6031.7 · Other Office Supplies	19.37
TOTAL						19.37
Bill Pmt -Check	05/10/2018	20796	RR FRANCHISING, INC.	55382	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	55382		Monthly service - May 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	05/10/2018	20797	STAPLES BUSINESS ADVANTAGE	8049701668	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	8049701668		Miscellaneous office supplies	6031.7 · Other Office Supplies	82.27
TOTAL						82.27
Bill Pmt -Check	05/10/2018	20798	STATE COMPENSATION INSURANCE FUND	1970970-17	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	1970970-17		Monthly premium 4/26/18-5/26/18	60183 · Worker's Comp Insurance	520.50
TOTAL						520.50
Bill Pmt -Check	05/10/2018	20799	TELLEZ-FOSTER, EDGAR	Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	04/25/2018	04/25/18 Meeting		Meeting w/Andy Campbell (IEUA)	6312 · Meeting Expenses	56.00
TOTAL						56.00
Bill Pmt -Check	05/10/2018	20800	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	7076224530355049		Vehicle Fuel - April 2018	6175 · Vehicle Fuel	347.81
TOTAL						347.81
Bill Pmt -Check	05/10/2018	20801	VANDEN HEUVEL, GEOFFREY	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Mtg	8411 · Compensation	25.00
				4/12/18 Ag Pool Mtg	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00

Page 21

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/10/2018	20802	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	001017890001		Vision Insurance Premium - May 2018	60182.2 · Dental & Vision Ins	88.20
TOTAL						88.20
Bill Pmt -Check	05/10/2018	20803	WESTERN MUNICIPAL WATER DISTRICT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	4/26 Board Mtg		4/26/18 Board Meeting - Galleano attendance	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	05/10/2018	20804	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	05/03/2018	08-k2 213849		May 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
Bill Pmt -Check	05/10/2018	ACH 051018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	05/05/2018	05/05/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 04/22/18-05/05/18	2000 · Accounts Payable	6,725.08
TOTAL						6,725.08
Check	05/15/2018	05/15/2018	Service Charge	Service Charge	1012 · Bank of America Gen'l Ckg	
Check				Service Charge	6039.1 · Banking Service Charges	613.34
TOTAL						613.34
General Journal	05/19/2018	05/19/2018	Payroll and Taxes for 05/06/18-05/19/18	Payroll and Taxes for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	29,236.95
				Payroll Taxes for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	9,441.12
			ICMA-RC	457(b) Employee Deductions for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 05/06/18-05/19/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						44,719.39
Bill Pmt -Check	05/22/2018	20805	ACWA JOINT POWERS INSURANCE AUTHORITY	0551579	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	0551579		Prepayment - June 2018	1409 · Prepaid Life, BAD&D & LTD	217.89
				May 2018	60191 · Life & Disab.Ins Benefits	217.89
TOTAL						435.78
Bill Pmt -Check	05/22/2018	20806	BLOMQUIST, WILLIAM A.	Manuscript Update	1012 · Bank of America Gen'l Ckg	
Bill	05/09/2018			Payment number 3 of 4 for Blomquist report	6061.6 · Blomquist Report - Update	7,500.00
TOTAL						7,500.00
Bill Pmt -Check	05/22/2018	20807	CHEF DAVE'S CAFE & CATERING	8221	1012 · Bank of America Gen'l Ckg	
Bill	04/26/2018	8221		Lunch for 4/26/18 Watermaster Board meeting	6312 · Meeting Expenses	600.69
TOTAL						600.69

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/22/2018	20808	EUROFINS EATON ANALYTICAL		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	L0387827		L0387827	7108.4 · Hydraulic Control-Lab Svcs	440.00
Bill	04/30/2018	L0387828		L0387828	7108.4 · Hydraulic Control-Lab Svcs	1,592.00
TOTAL						<u>2,032.00</u>
Bill Pmt -Check	05/22/2018	20809	FIRST LEGAL NETWORK LLC	40017534	1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	40017534		Court filings on 4/02/18 and 4/24/18	6061.5 · Court Filing Services	155.88
TOTAL						<u>155.88</u>
Bill Pmt -Check	05/22/2018	20810	RON SHELLEY'S AUTOMOTIVE	10287	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	10287		Maintenance for Expendition	6177 · Vehicle Repairs & Maintenance	67.52
TOTAL						<u>67.52</u>
Bill Pmt -Check	05/22/2018	20811	WILDERMUTH ENVIRONMENTAL INC		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	2018101		2018101	6906.31 · OBMP-Pool, Adv. Board Mtgs	6,551.17
Bill	04/30/2018	2018102		2018102	6906.32 · OBMP-Other General Meetings	9,903.46
Bill	04/30/2018	2018103		2018103	6906.71 · OBMP-Data Req.-CBWM Staff	3,948.45
Bill	04/30/2018	2018104		2018104	6906.72 · OBMP-Data Req.-Non CBWM Staff	1,275.90
Bill	04/30/2018	2018105		2018105	6906 · OBMP Engineering Services	3,469.40
Bill	04/30/2018	2018106		2018106	7103.3 · Grdwtr Qual-Engineering	14,827.53
Bill	04/30/2018	20018107		2018107	7104.3 · Grdwtr Level-Engineering	15,663.20
Bill	04/30/2018	2018108		2018108	7107.2 · Grd Level-Engineering	2,682.79
Bill				WSP USA, Inc.	7107.6 · Grd Level-Contract Svcs	32,027.09
Bill	04/30/2018	2018109		2018109	7108.31 · Hydraulic Control - PBHSP	21,845.30
Bill	04/30/2018	2018110		2018110	7109.3 · Recharge & Well - Engineering	5,156.50
Bill	04/30/2018	2018111		2018111	7202.2 · Engineering Svc	1,563.40
Bill	04/30/2018	2018112		2018112	7402 · PE4-Engineering	7,764.25
Bill	04/30/2018	2018113		2018113	7402.10 · PE4 - Northwest MZ1 Area Proj.	10,810.55
Bill	04/30/2018	2018114		2018114	7502 · PE6&7-Engineering	7,758.37
Bill	04/30/2018	2018115		2018115	7510 · PE6&7-IEUA Salinity Mgmt. Plan	20,105.40
Bill	04/30/2018	2018116		2018116	7602 · PE8&9-Engineering	33,852.00
Bill	04/30/2018	2018117		2018117	6906.27 · HCP Mtgs/Tech. Review-IEUA Cost	4,069.50
TOTAL						<u>203,274.26</u>
Bill Pmt -Check	05/24/2018	ACH 052418	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	15280080		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	4,348.52
TOTAL						<u>4,348.52</u>
Bill Pmt -Check	05/24/2018	ACH 052418	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	

P 23

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	05/19/2018	05/19/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/06/18-05/19/18	2000 · Accounts Payable	6,725.08
TOTAL						6,725.08
Bill Pmt -Check	05/25/2018	20812	CUCAMONGA VALLEY WATER DISTRICT	Rent Expense	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018			Office lease due June 1, 2018	1422 · Prepaid Rent	6,608.80
TOTAL						6,608.80
Bill Pmt -Check	05/25/2018	20813	GREAT AMERICA LEASING CORP.	22664379	1012 · Bank of America Gen'l Ckg	
Bill	05/21/2018	22664379		Invoice for May 2018	6043.1 · Ricoh Lease Fee	2,605.07
TOTAL						2,605.07
Bill Pmt -Check	05/25/2018	20814	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	04/12/2018	4/12 Ag Pool Mtg		4/12/18 Ag Pool Meeting	8411 · Compensation	25.00
				4/12/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	05/25/2018	20815	LEGAL SHIELD	0111802	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	0111802		Employee deductions - May 2018	60194 · Other Employee Insurance	79.70
TOTAL						79.70
Bill Pmt -Check	05/25/2018	20816	R&D PEST SERVICES	0228458	1012 · Bank of America Gen'l Ckg	
Bill	05/21/2018	0228458		Pest control	6024 · Building Repair & Maintenance	100.00
TOTAL						100.00
Bill Pmt -Check	05/25/2018	20817	STANDARD INSURANCE CO.	Policy # 00-649299-0009	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	786.43
TOTAL						786.43
Bill Pmt -Check	05/25/2018	20818	STAPLES BUSINESS ADVANTAGE	8049892481	1012 · Bank of America Gen'l Ckg	
Bill	05/12/2018	8049892481		Miscellaneous office supplies	6031.7 · Other Office Supplies	46.68
TOTAL						46.68
Bill Pmt -Check	05/25/2018	20819	STAULA, MARY L	Retiree Medical	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
TOTAL						25.17
Bill Pmt -Check	05/25/2018	20820	VERIZON WIRELESS	9807138773	1012 · Bank of America Gen'l Ckg	
Bill	05/22/2018	9807138773		Acct #642073270-00001	7103.7 · Grdwtr Qual-Computer Svc	100.10
TOTAL						100.10

Page 24

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/25/2018	20821	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	05/15/2018	90948438900509145		Office fax	6022 · Telephone	142.78
TOTAL						142.78
Bill Pmt -Check	05/25/2018	20822	UNITED HEALTHCARE	052581674102	1012 · Bank of America Gen'l Ckg	
Bill	05/14/2018	052581674102		Dental Insurance Premium - June 2018	60182.2 · Dental & Vision Ins	749.75
TOTAL						749.75
Bill Pmt -Check	05/25/2018	20823	VERIZON WIRELESS	9806600051	1012 · Bank of America Gen'l Ckg	
Bill	05/15/2018	9806600051		Acct #470810953-00001	6022 · Telephone	297.55
TOTAL						297.55
Bill Pmt -Check	05/30/2018	20824	BROWNSTEIN HYATT FARBER SCHRECK		1012 · Bank of America Gen'l Ckg	
Bill	04/30/2018	720859		720859	6078 · BHFS Legal - Miscellaneous	31,360.50
				Angelica BK	6078 · BHFS Legal - Miscellaneous	149.40
				NRG BK	6078 · BHFS Legal - Miscellaneous	925.65
				Mileage/Parking Expense	6078 · BHFS Legal - Miscellaneous	73.56
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	12.26
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	12.26
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	49.04
Bill	04/30/2018	720860		Employee Handbook	6073 · BHFS Legal - Personnel Matters	3,181.95
				GM Evaluation	6073 · BHFS Legal - Personnel Matters	1,474.20
				Personnel	6073 · BHFS Legal - Personnel Matters	1,579.50
Bill	04/30/2018	720861		720861	6907.34 · Santa Ana River Water Rights	222.75
Bill	04/30/2018	720862		720862	6907.33 · Desalter/Hydraulic Control	1,553.85
Bill	04/30/2018	720863		720863	6275 · BHFS Legal - Advisory Committee	935.55
Bill	04/30/2018	720864		720864	6375 · BHFS Legal - Board Meeting	5,208.30
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	300.00
Bill	04/30/2018	720865		720865	8375 · BHFS Legal - Appropriative Pool	1,291.95
Bill	04/30/2018	720866		720866	8475 · BHFS Legal - Agricultural Pool	1,291.95
Bill	04/30/2018	720867		720867	8575 · BHFS Legal - Non-Ag Pool	1,291.95
Bill	04/30/2018	720868		720868	6071 · BHFS Legal - Court Coordination	3,513.60
Bill	04/30/2018	720869		720869	6077 · BHFS Legal - Party Status Maint	3,429.90
Bill	04/30/2018	720870		720870	6907.39 · Recharge Master Plan	7,114.95
				Mileage/Parking Expense	6907.39 · Recharge Master Plan	62.17
Bill	04/30/2018	720871		720871	6907.40 · Storage Agreements	911.25
Bill	04/30/2018	720872		720872	6907.41 · Prado Basin Habitat Sustain	2,272.05
Bill	04/30/2018	720873		720873	6907.42 · Safe Yield Recalculation	14,884.65
				Lodging for 04/10/18	6907.42 · Safe Yield Recalculation	225.00
				Lodging for 04/26/18	6907.42 · Safe Yield Recalculation	225.00

P25

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
May 2018

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	04/30/2018	720874		720874	6907.44 · SGMA Compliance	6,675.30
				Airfare	6907.44 · SGMA Compliance	280.96
TOTAL						90,509.45
Bill Pmt -Check	05/30/2018	20825	NAKANO, JUSTIN	Exp. Report 051118	1012 · Bank of America Gen'l Ckg	
Bill	05/11/2018	Exp. Report 051118		Lunch with JCSD	6141.3 · Admin Meetings	43.02
TOTAL						43.02
Bill Pmt -Check	05/30/2018	20826	TELLEZ-FOSTER, EDGAR	Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	05/08/2018	ACWA 050818		ETF - ACWA Conference	6191 · Conferences - General	42.53
TOTAL						42.53
Bill Pmt -Check	05/31/2018	20827	INLAND EMPIRE UTILITIES AGENCY	1800003725	1012 · Bank of America Gen'l Ckg	
Bill	05/10/2018	1800003725		RMPU Yield Enhancement Projects Invoice #7	7690.15 · RMPU Amend. Yield (TO #1)	459,262.50
TOTAL						459,262.50
General Journal	05/31/2018	05/31/2018	Wage Works FSA Direct Debits - May 2018	Wage Works FSA Direct Debits - May 2018	1012 · Bank of America Gen'l Ckg	
				Wage Works FSA Direct Debits - May 2018	1012 · Bank of America Gen'l Ckg	696.15
				Wage Works FSA Direct Debits - May 2018	1012 · Bank of America Gen'l Ckg	696.15
				Wage Works FSA Direct Debits - May 2018	1012 · Bank of America Gen'l Ckg	81.50
						1,473.80
<b>Total Disbursements:</b>						<b>950,449.38</b>

P 26  
TOTAL



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: VISA Check Detail Report - Financial Report B2 (May 31, 2018)

### SUMMARY

Issue: Record of VISA credit card payment disbursed for the month of May 2018.

Recommendation: Receive and file VISA Check Detail Report for May 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

### Future Consideration

Appropriative Pool – July 19, 2018: Receive and File  
Non-Agricultural Pool – July 19, 2018: Receive and File  
Agricultural Pool – July 19, 2018: Receive and File  
Advisory Committee – July 26, 2018: Receive and File  
Watermaster Board – July 26, 2018: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND

A monthly VISA Check Detail report is provided to keep all members apprised of Watermaster expenditures charged against the General Manager and Chief Financial Officer's Bank of America VISA card.

## DISCUSSION

The total cash disbursements during the month of May 2018 were \$7,454.21. The payment was processed in the amount of \$7,454.21 (by check number 20777 dated May 10, 2018). The monthly charges for May 2018 of \$7,454.21 were for routine and customary expenditures and properly documented with receipts.

## ATTACHMENTS

1. Financial Report - B2

CHINO BASIN WATERMASTER  
VISA Check Detail Report  
May 2018

Type	Num	Date	Name	Memo	Account	Paid Amount
Bill Pmt -Check	05/10/2018	20777	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	04/28/2018	XXXX-XXXX-XXXX-9341		Toner cartridges for CFO's printer	6031.7 · Other Office Supplies	249.00
				Overwatch/firewall - 50% deposit	6055 · Computer Hardware	1,750.00
				Cloud/FTP replacement - 50% deposit	6055 · Computer Hardware	900.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	327.68
				Office Timeline software	6054 · Computer Software	59.00
				Microsoft software	6054 · Computer Software	99.00
				Reception desk phone headset	6031.7 · Other Office Supplies	15.99
				RZ laptop-50% deposit	6055 · Computer Hardware	1,217.94
				Miscellaneous office supplies	6031.7 · Other Office Supplies	311.10
				Registration-RZ-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	375.00
				Registration-JN & ETF-AWWA Sampling Wkshp	6193.2 · Conference - Registration Fee	550.00
				Books for office - shorthand	6031.7 · Other Office Supplies	33.40
				Books for office - business writing / minute taking	6031.7 · Other Office Supplies	38.25
				Lunch for storage framework meeting	7604 · PE8&9-Supplies	105.44
				PK flight to ACWA Spring Conference	6191 · Conferences - General	141.96
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Early-bird check in on above flight	6191 · Conferences - General	15.00
				Laptop bag - ETF	6031.7 · Other Office Supplies	49.99
				Webcam cover - ETF	6031.7 · Other Office Supplies	6.99
				Toner cartridges for office	6031.7 · Other Office Supplies	80.79
				PK meeting w/Geye	8512 · Meeting Expense	64.73
				Lunch for team prep for OBMP Scope Workshop	6909.1 · OBMP Meetings	85.00
				Lunch for WM meeting w/Ag Pool reps	8412 · Meeting Expenses	64.88
				Lunch for WM counsel for meeting w/Ag Pool reps	8412 · Meeting Expenses	13.60
				Lunch for OBMP Scope Workshop	6909.1 · OBMP Meetings	221.00
				Miscellaneous office supplies	6031.7 · Other Office Supplies	52.89
				PK mtg w/Elie	6312 · Meeting Expenses	50.87
				PK mtg w/Hoerning	8312 · Meeting Expenses	32.51
				PK mtg w/Bowcock	6312 · Meeting Expenses	37.42
				PK registration-First Annual Groundwater Sustainability Agency Summr	6193.2 · Conference - Registration Fee	430.00
				PK meeting w/Layton, Jew	8312 · Meeting Expenses	59.78
				<b>Total Disbursements:</b>		<b>7,454.21</b>

TOTAL

P 29

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through May 31, 2018 - Financial Report B3 (May 31, 2018)

### SUMMARY

Issue: Record of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through May 31, 2018.

Recommendation: Receive and file Combining Schedule of Revenue, Expenses and Changes in Net Assets for the Period July 1, 2017 through May 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

### Future Consideration

Appropriative Pool – July 19, 2018: Receive and File  
Non-Agricultural Pool – July 19, 2018: Receive and File  
Agricultural Pool – July 19, 2018: Receive and File  
Advisory Committee – July 26, 2018: Receive and File  
Watermaster Board – July 26, 2018: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND

A Combining Schedule of Revenue, Expenses and Changes in Net Assets for the period July 1, 2017 through May 31, 2018 is provided to keep all members apprised of the FY 2017/18 cumulative Watermaster revenues, expenditures and changes in net assets for the period listed.

## DISCUSSION

The Combining Schedule of Revenue, Expenses and Changes in Net Assets has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Combining Schedule provided balances to the supporting documentation in the Watermaster accounting system as presented.

## ATTACHMENTS:

1. Financial Report - B3

CHINO BASIN WATERMASTER  
 COMBINING SCHEDULE OF REVENUE, EXPENSES AND CHANGES IN NET ASSETS  
 FOR THE PERIOD JULY 1, 2017 THROUGH MAY 31, 2018

P33

WATERMASTER ADMINISTRATION	OPTIMUM BASIN MANAGEMENT	POOL ADMINISTRATION & SPECIAL PROJECTS			GROUNDWATER REPLENISHMENT	LAIF VALUE ADJ.	GASB 68 BEG. NET POSITION	GRAND TOTALS	AMENDED BUDGET 2017-2018
		APPROPRIATIVE POOL	AG POOL	NON-AG POOL					
Administrative Revenues:									
Administrative Assessments		8,407,584		360,243			8,767,827	11,607,166	
Interest Revenue		97,806	4,607	1,112			103,524	39,906	
Mutual Agency Project Revenue	193,622						193,622	191,626	
Miscellaneous Income	76						76	0	
<b>Total Revenues</b>	<b>193,698</b>	<b>8,505,390</b>	<b>4,607</b>	<b>361,355</b>	<b>-</b>	<b>-</b>	<b>9,065,049</b>	<b>11,838,698</b>	
Administrative & Project Expenditures:									
Watermaster Administration	1,637,944						1,637,944	1,339,393	
Watermaster Board-Advisory Committee	155,512						155,512	219,454	
Ag Pool Misc. Expense - Ag Fund			57				57	400	
Pool Administration		103,637	346,197	81,045			530,878	619,252	
Optimum Basin Mgmt Administration	1,040,779						1,040,779	1,374,142	
OBMP Project Costs	3,066,440						3,066,440	5,590,384	
Debt Service	457,644						457,644	515,375	
Basin Recharge Improvements	857,731						857,731	6,692,293	
<b>Total Administrative/OBMP Expenses</b>	<b>1,793,456</b>	<b>5,422,594</b>	<b>103,637</b>	<b>346,197</b>	<b>-</b>	<b>-</b>	<b>7,746,985</b>	<b>16,350,693</b>	
Net Administrative/OBMP Expenses	(1,599,758)	(5,422,594)							
Allocate Net Admin Expenses To Pools	1,599,758		1,161,374	379,212	59,172		-		
Allocate Net OBMP Expenses To Pools		4,107,219	2,981,712	973,590	151,917		-		
Allocate Debt Service to App Pool		457,644	457,644				-		
Allocate Basin Recharge to App Pool		857,731	857,731				-		
Agricultural Expense Transfer*		1,698,999	(1,698,999)				-		
<b>Total Expenses</b>	<b>7,261,097</b>	<b>57</b>	<b>292,133</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,746,985</b>	<b>16,350,693</b>	
Net Administrative Income		1,244,293	4,550	69,222			1,318,064	(4,511,995)	
Other Income/(Expense)									
Replenishment Water Assessments					858,518		858,518	0	
Desalter Replenishment Obligation					-		-	0	
Non-Ag Stored Water Purchases							-	0	
Exhibit "G" Non-Ag Pool Water							-	0	
Interest Revenue					2,259		2,259	0	
MWD Water Purchases							-	0	
Non-Ag Stored Water Purchases							-	0	
Exhibit "G" Non-Ag Pool Water							-	0	
MWD Water Purchases							-	0	
Groundwater Replenishment					(763,169)		(763,169)	0	
LAIF - Fair Market Value Adjustment							-	0	
Gain on Sale of Assets		1,637		63			1,700	0	
Other Post-Employment Benefits (OPEB)		-		-			-	0	
Refund-Excess Reserves		-		-			-	0	
Refund-Recharge Debt		(78,397)					(78,397)	0	
Funding To/(From) Reserves							-	(392,216)	
<b>Net Other Income/(Expense)</b>	<b>(76,760)</b>	<b>-</b>	<b>63</b>	<b>97,607</b>	<b>-</b>	<b>-</b>	<b>20,910</b>	<b>(392,216)</b>	
Net Transfers To/(From) Reserves	1,338,974	1,167,533	4,550	69,285	97,607	-	1,338,974	(4,119,779)	
Net Assets, July 1, 2017		9,038,790	486,234	45,146	(102,141)	(11,905)	8,715,929		
Net Assets, End of Period		10,206,323	490,784	114,430	(4,534)	(11,905)	10,054,904	10,054,904	
<b>16/17 Assessable Production</b>		82,269.159	26,862.554	4,191.579			113,323.292		
<b>16/17 Production Percentages</b>		72.597%	23.704%	3.699%			100.000%		

\*Fund balance transfer as agreed to in the Peace Agreement.

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# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018

TO: Pool Committee Members

SUBJECT: Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 -  
Financial Report B4 (May 31, 2018)

### SUMMARY

Issue: Record of increases or decreases in the cash position, assets and liabilities of Watermaster for the Period of May 1, 2018 through May 31, 2018.

Recommendation: Receive and file Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

### Future Consideration

Appropriative Pool – July 19, 2018: Receive and File

Non-Agricultural Pool – July 19, 2018: Receive and File

Agricultural Pool – July 19, 2018: Receive and File

Advisory Committee – July 26, 2018: Receive and File

Watermaster Board – July 26, 2018: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – July 19, 2018:

Non-Agricultural Pool – July 19, 2018:

Agricultural Pool – July 19, 2018:

Advisory Committee – July 26, 2018:

Watermaster Board – July 26, 2018:

## BACKGROUND

A Treasurer's Report of Financial Affairs for the Period May 1, 2018 through May 31, 2018 is provided to keep all members apprised of the total cash in banks (Bank of America, LAIF, and CalTRUST); cash on deposit in trust with the County of San Bernardino as a result of the Cooperation and Reimbursement Agreement between Chino Basin Watermaster and County of San Bernardino dated May 25, 2017; and cash on hand at the Watermaster office (petty cash) at the end of the period stated. The Treasurer's Report details the change (increase or decrease) in the overall cash position of Watermaster, as well as the changes (increase or decrease) to the assets and liabilities section of the balance sheet. The report also provides a detailed listing of all deposits and/or withdrawals in the California State Treasurer's Local Agency Investment Fund (LAIF) and/or CalTRUST, the most current effective yield as of the last quarter, and the ending balance in LAIF as of the reporting date.

## DISCUSSION

The Treasurer's Report of Financial Affairs has been created from various financial reports and statements created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Treasurer's Report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## ATTACHMENTS

1. Financial Report - B4

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
MAY 1, 2018 THROUGH MAY 31, 2018**

Financial Report - B4

**DEPOSITORIES:**

Cash on Hand - Petty Cash			\$	500
Bank of America				
Governmental Checking-Demand Deposits	\$	557,532		
Zero Balance Account - Payroll		-		557,532
Trust Account - County of San Bernardino				845
Local Agency Investment Fund - Sacramento				11,361,569
<hr/>				
<b>TOTAL CASH IN BANKS AND ON HAND</b>		<b>5/31/2018</b>		<b>\$ 11,920,446</b>
TOTAL CASH IN BANKS AND ON HAND		4/30/2018		12,820,387
<hr/>				
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (899,941)</b>

**CHANGE IN CASH POSITION DUE TO:**

Decrease/(Increase) in Assets:			\$	6,365
Accounts Receivable				
Assessments Receivable				-
Prepaid Expenses, Deposits & Other Current Assets				1,374
(Decrease)/Increase in Liabilities:				
Accounts Payable				107,855
Accrued Payroll, Payroll Taxes & Other Current Liabilities				20,456
Long Term Liabilities				2,198
Transfer to/(from) Reserves				(1,038,189)
<hr/>				
<b>PERIOD INCREASE (DECREASE)</b>				<b>\$ (899,941)</b>

P37

**SUMMARY OF FINANCIAL TRANSACTIONS:**

	Petty Cash	Govt'l Checking Demand	Zero Balance Account Payroll	Trust Account County of San Bernardino	Local Agency Investment Funds	Totals
Balances as of 4/30/2018	\$ 500	\$ 457,473	\$ -	\$ 845	\$ 12,361,569	\$ 12,820,387
Deposits	-	1,050,509	-	-	-	1,050,509
Transfers	-	(113,671)	(73,262)	-	(1,000,000)	(1,186,932)
Withdrawals/Checks	-	(836,779)	73,262	-	-	(763,517)
<hr/>						
Balances as of 5/31/2018	\$ 500	\$ 557,532	\$ -	\$ 845	\$ 11,361,569	\$ 11,920,446
<hr/>						
<b>PERIOD INCREASE OR (DECREASE)</b>	<b>\$ -</b>	<b>\$ 100,059</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,000,000)</b>	<b>\$ (899,941)</b>

**CHINO BASIN WATERMASTER  
TREASURER'S REPORT OF FINANCIAL AFFAIRS FOR THE PERIOD  
MAY 1, 2018 THROUGH MAY 31, 2018**

**INVESTMENT TRANSACTIONS**

Effective Date	Transaction	Depository	Activity	Redeemed	Days to Maturity	Interest Rate(*)	Maturity Yield
5/24/2018	Withdrawal		(1,000,000)				
<b>TOTAL INVESTMENT TRANSACTIONS</b>			<b>\$ (1,000,000)</b>	<b>\$0</b>			

\* The earnings rate for L.A.I.F. is a daily variable rate; 1.51% was the effective yield rate at the Quarter ended March 31, 2018.

**INVESTMENT STATUS  
May 31, 2018**

<u>Financial Institution</u>	<u>Principal Amount</u>	<u>Number of Days</u>	<u>Interest Rate</u>	<u>Maturity Date</u>
Local Agency Investment Fund	\$ 11,361,569			
<b>TOTAL INVESTMENTS</b>	<b>\$ 11,361,569</b>			

P 38

Funds on hand are sufficient to meet all foreseen and planned Administrative and project expenditures during the next six months.

All investment transactions have been executed in accordance with the criteria stated in Chino Basin Watermaster's Investment Policy.

Respectfully submitted,



Joseph S. Joswiak  
Chief Financial Officer  
Chino Basin Watermaster



# CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018 -  
Financial Report B5 (May 31, 2018)

### SUMMARY

Issue: Record of revenues and expenses of Watermaster for the Period of July 1, 2017 through May 31, 2018.

Recommendation: Receive and file Budget vs. Actual Report for the Period July 1, 2017 through May 31, 2018 as presented.

Financial Impact: Funds disbursed were included in the FY 2017/18 "Amended" Watermaster Budget.

### Future Consideration

Appropriative Pool – July 19, 2018: Receive and File  
Non-Agricultural Pool – July 19, 2018: Receive and File  
Agricultural Pool – July 19, 2018: Receive and File  
Advisory Committee – July 26, 2018: Receive and File  
Watermaster Board – July 26, 2018: Receive and File (Normal Course of Business)

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND

A Budget vs. Actual Report for the period July 1, 2017 through May 31, 2018 is provided to keep all members apprised of the total revenues and expenses for the current fiscal year. The expense section is categorized into four distinct sections. Those sections are: General and Administrative Expenses; Optimum Basin Management Program Expenses; Project Expenses; and Other Income/Expenses. The Budget vs. Actual report has been created from Intuit QuickBooks Enterprise Solutions 18.0, the Watermaster accounting system. The Budget vs. Actual report provided, balances to the supporting documentation in the Watermaster accounting system, as well as the supporting bank statements.

## DISCUSSION

### CURRENT MONTH – MAY 2018

The Chino Basin Watermaster "Original" FY 2017/18 budget of \$11,838,698 was approved by the Board on May 25, 2017. With the closing of the financial records for the fiscal year ended June 30, 2017, the "Carry Over" funding from FY 2016/17 and previous years was calculated at \$4,119,779.24 which brought the "Amended" Budget for FY 2017/18 to \$15,958,477.24 (\$11,838,698 + \$4,119,779.24 = \$15,958,477.24). With the approval of Budget Amendment Form A-18-03-01 by the Board on April 26, 2018, the "Amended" FY 2017/18 budget is now \$16,350,693.24 (\$15,958,477.24 + \$392,216 = \$16,350,693.24).

Year-To-Date (YTD) for the eleven months ending May 31, 2018, all but seven categories were at or below the projected budget. The categories over budget were (1) Administration Salary/Benefits expenses (6010's) which were over budget by \$38,324 or 4.1% as a result of increased staff time and activities in the administrative functions. Please note that the overage is only in the administrative section, not with the entire consolidated staffing budget; (2) Contract Services expenses (6060's) over budget by \$12,695 or 21.1% as a result of the County of San Bernardino issuing Groundwater Sustainability Agency Services invoices for the FY 2016/17 4<sup>th</sup> quarter, and FY 2017/18 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> quarters; (3) Watermaster Legal Services expenses (6070's) over budget by \$217,341 or 131.9% as a result of miscellaneous legal matters as detailed in the BHFS section; (4) Agricultural Pool Legal Services (8467's) over budget by \$98,991 or 52.7% as a result of increased legal services performed during the months of July 2017 through April 2018; (5) Production Monitoring expenses (7101's) over budget by \$14,391 or 28.6% as a result of increased staff time and activities in this area; (6) Hydraulic Control Monitoring expenses (7108's) over budget by \$30 or .03% as a result of increased staff time and activities in this area; and (7) PE6&7 Cooperative Efforts/Salt Management expenses (7500's) over budget by \$3,005 or 1.5% as a result of increased staff time and activities in this area.

For the majority of the expense categories within the Watermaster budget for FY 2017/18, the individual line-item budgets are divided into 12-monthly amounts and allocated accordingly. As the fiscal year progresses, these categories listed above might level out over time and be within the budget levels.

Overall, the Watermaster (YTD) Actual Expenses were \$8,037,814 or 50.9% below the (YTD) Budgeted Expenses of \$15,784,799.

Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) in the amount of \$372,000 has been prepared for approval by the Watermaster Pools, Advisory Committee, and Board for the meetings scheduled in July 2018 (See Business Item II.A.). Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) was developed to assist in closing the books as of June 30, 2018 and adjust the areas of the FY 2017/18 "Amended" budget which are currently over budget or projected to be over budget as of June 30, 2018. The (3) three budget adjustments required are the following: (1) the Agricultural Pool Legal Services budget (account 8467) requires an additional funding of \$100,000 which brings the total FY 2017/18 budget (account 8467) from \$205,000 to \$305,000; (2) the BHFS Legal Services budget (account 6078) requires an additional funding of \$27,000 which brings the total FY 2017/18 BHFS Legal Services budget from \$964,783 to \$991,783; (3) the BHFS Legal Services budget (account 6078) requires an additional funding of \$245,000 which is being reallocated from other administrative and BHFS accounts.

The Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is a zero-based document, which means the reductions and additions within the general ledger accounts were equal. The Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) will be recorded during the accounting period of June 30, 2018.

Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) does not change the overall "Amended" FY 2017/18 Budget of \$16,350,693.24.

#### PREVIOUSLY REPORTED ACTIONS (Descending Order)

##### March 2018:

For the accounting month of March 2018, Budget Amendment Form A-18-03-01 was recorded in the amount of \$392,216 under the PE 8&9 Storage Management/Conjunctive Use budget (account 7602) in the amount of \$320,201; and under the Ground Level MVWD SCADA Reimbursement budget (account 7107.63) in the amount of \$72,015. The additional funding of \$392,216 came from the OBMP Reserve Fund which had an available balance of \$945,874. The Budget Amendment Form A-18-03-01 was approved by the Board on April 26, 2018, and the new available balance of the OBMP Reserve Fund is now \$553,658 ( $\$945,874 - \$392,216 = \$553,658$ ).

##### February 2018:

Budget Amendment Form A-18-03-01 in the amount of \$392,216 is being presented for approval during the April 2018 Pools, Advisory and Board meetings regarding two specific budget amounts. The first budget amount of \$320,201 is proposed to increase the PE 8&9 Storage Management/Conjunctive Use budget (account 7602) from \$182,207 to \$502,408 as a result of a two-year Engineering project which was originally budgeted and approved for \$182,207 for FY 2017/18 during the budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and it's now understood that the total two-year expenses of \$502,408 could be spent within the FY 2017/18 period. The budget shortfall of \$320,201 ( $\$502,408 - \$182,207 = \$320,201$ ) was presented and discussed as part of the FY 2017/18 Mid-Year Review at the March 15, 2018 Advisory meeting and March 22, 2018 Board meeting. There were no Pool meetings held in March 2018.

The second budget amount of \$72,015 is for the SCADA Installation, Monitoring and Reimbursement Letter Agreement between Watermaster, Monte Vista Water District, and Wildermuth Environmental, Inc., effective September 28, 2017 Pursuant to the recommendation of the Groundwater Level Monitoring Committee, the Chino Basin Watermaster, through its contract with consultant Wildermuth Environmental Inc., wishes to develop a more extensive supervisory control and data acquisition (SCADA) groundwater level monitoring system in the Monte Vista Water District (MVWD) service area. In order to do so, MVWD will permit the installation of SCADA equipment to several of its wells and integration of the equipment into its existing SCADA system. This project was not included or funded through the FY 2017/18 budget which was approved on May 25, 2017. The SCADA Installation, Monitoring and Reimbursement Letter Agreement, signed by Chino Basin Watermaster, Monte Vista Water District, and Wildermuth Environmental, Inc., is effective September 28, 2017 through June 30, 2020. General Ledger account (7107.63) will be created in FY 2017/18 to capture the expenses associated with this activity.

The additional funding of \$392,216 would come from the OBMP Reserve Fund which currently has an available balance of \$945,874. For more information on Budget Amendment Form A-18-03-01, please see Business Item II.A.

##### December 2017:

There were no Pool, Advisory or Board meetings scheduled for the month of December 2017.

##### August 2017:

There were no Pool, Advisory or Board meetings scheduled for the month of August 2017.

##### July 2017:

During the month of July 2017, the "Carry Over" funding was calculated. The Total "Carry Over" funding amount of \$4,119,779.24 has been posted to the general ledger accounts. The total amount of

\$4,119,779.24 consisted of \$3,926,672.24 from Capital Improvement Projects and \$193,107 from Engineering Services. More detailed information is provided regarding this issue under the "Carry Over" Funding section.

The Amended Budget for FY 2017/18 is \$15,958,477.24 which includes \$4,119,779.24 for the prior years "Carry Over" funding. The Original Approved budget for FY 2017/18 of \$11,838,698 was approved by the Watermaster Board on May 25, 2017 ( $\$11,838,698 + \$4,119,779.24 = \$15,958,477.24$ ).

SALARIES EXPENSE

CURRENT MONTH – MAY 2018

As of May 31, 2018, the total (YTD) Watermaster salary expenses were \$62,646 or 3.8% below the (YTD) budgeted amount of \$1,631,973. The overall staffing budget was developed with a staffing level of ten Full-Time Equivalents (FTE's), and staffing is currently at nine Full-Time Equivalents (FTE's). The position of Water Resources Associate remains vacant and could be recruited in the future as the work demands increase.

Watermaster utilizes an in-house database time and attendance system to track and record staff's actual hours worked and records those hours to a specific project or activity. This time and attendance database of captured staff hours and activities is the basis for the bi-weekly payrolls which are processed using an external payroll processing service. Watermaster staff can record time to a large number of activities but the five most used categories are as follows (1) General Administrative activities; (2) Paid Leaves of vacation, sick or holiday; (3) Pools, Advisory or Board Meeting attendance; (4) OBMP activities; and (5) OBMP Implementation Program Elements 1 through 9 activities.

When the FY 2017/18 budget was developed, basic assumptions were used in allocating how staff's time would be spent and on which of the projects or activities. The staffing dollars were then allocated into those specific areas and budgeted on a 1/12 monthly budget. When actual staffing activities vary from the budgeted assumptions, a positive or negative variance can be created. Currently, the allocations are tracking within budget.

The table summarizes the Year-To-Date (YTD) Actual Watermaster salary costs compared to the Year-To-Date (YTD) Budget as of May 31, 2018. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - May '18 Actual	Jul '17 - May '18 Budget	\$ Over Budget	% of Budget	FY 2017/18 Annual Budget
<b>WM Salary Expense</b>					
6011 · WM Staff Salaries	983,097.85	888,302.00	94,795.85	110.67%	966,354.00
6011.1 · WM Staff Salaries - Overtime	8,133.62	0.00	8,133.62	100.0%	0.00
6011.4 · 457(f) NQDC Plan	29,859.96	21,734.00	8,125.96	137.39%	23,710.00
6015 · Miscellaneous Payments	0.00	0.00	0.00	0.0%	0.00
6017 · Temporary Services	0.00	19,250.00	-19,250.00	0.0%	21,000.00
6201 · Advisory Committee - WM Staff Salaries	19,020.62	22,712.00	-3,691.38	83.75%	24,708.00
6301 · Watermaster Board - WM Staff Salaries	32,224.48	34,805.00	-2,580.52	92.59%	37,863.00
8301 · Appropriative Pool - WM Staff Salaries	37,104.50	31,109.00	5,995.50	119.27%	33,842.00
8401 · Agricultural Pool - WM Staff Salaries	18,372.17	27,442.00	-9,069.83	66.95%	29,853.00
8501 · Non-Agricultural Pool - WM Staff Salaries	13,832.20	17,977.00	-4,144.80	76.94%	19,557.00
6901 · OBMP - WM Staff Salaries	54,410.01	84,415.00	-30,004.99	64.46%	91,832.00
7101.1 · Production Monitor - WM Staff Salaries	64,022.96	49,631.00	14,391.96	129.0%	53,992.00
7102.1 · In-line Meter - WM Staff Salaries	1,400.79	9,373.00	-7,972.21	14.95%	10,197.00
7103.1 · Grdwater Quality - WM Staff Salaries	19,126.02	51,085.00	-31,958.98	37.44%	55,574.00
7104.1 · Grdwater Level - WM Staff Salaries	52,276.46	36,789.00	15,487.46	142.1%	40,022.00
7106.1 · Wtr Level Sensor - WM Staff Salaries	399.02	0.00	399.02	100.0%	0.00
7107.1 · GrdLevel Monitoring - WM Staff Salaries	4,473.67	0.00	4,473.67	100.0%	0.00
7108.1 · Hydraulic Control - WM Staff Salaries	430.12	3,085.00	-2,654.88	13.94%	3,356.00
7108.11 · Prado Basin - WM Staff Salaries	3,506.17	5,716.00	-2,209.83	61.34%	6,219.00
7201 · Comp Recharge - WM Staff Salaries	55,870.52	87,307.00	-31,436.48	63.99%	94,978.00
7301 · PE3&5 - WM Staff Salaries	0.00	14,723.00	-14,723.00	0.0%	16,017.00
7401 · PE4 - WM Staff Salaries	0.00	8,960.00	-8,960.00	0.0%	9,747.00
7501 · PE6&7 - WM Staff Salaries	6,715.99	4,375.00	2,340.99	153.51%	4,759.00
7501.1 · PE 6&7 - WM Staff Salaries (Plume)	0.00	4,907.00	-4,907.00	0.0%	5,338.00
7601 · PE8&9 - WM Staff Salaries	11,947.51	43,807.00	-31,859.49	27.27%	47,656.00
<b>Subtotal WM Staff Costs</b>	<b>1,416,224.64</b>	<b>1,467,504.00</b>	<b>-51,279.36</b>	<b>96.51%</b>	<b>1,596,574.00</b>
60185 · Vacation	75,780.53	66,455.00	9,325.53	114.03%	72,497.00
60186 · Sick Leave	23,770.90	46,876.00	-23,105.10	50.71%	51,138.00
60187 · Holidays	53,550.85	51,138.00	2,412.85	104.72%	51,138.00
<b>Subtotal WM Paid Leaves</b>	<b>153,102.28</b>	<b>164,469.00</b>	<b>-11,366.72</b>	<b>93.09%</b>	<b>174,773.00</b>
<b>Total WM Salary Costs</b>	<b>1,569,326.92</b>	<b>1,631,973.00</b>	<b>-62,646.08</b>	<b>96.16%</b>	<b>1,771,347.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

LEGAL SERVICES  
BROWNSTEIN HYATT FARBER SCHRECK EXPENSES

CURRENT MONTH – MAY 2018

As of May 31, 2018, the total (YTD) Watermaster Legal Services expenses (consolidating the three categories of Watermaster Administrative Legal Services, Pool/Advisory/Board Meeting legal expenses, and OBMP legal expenses) were \$5,277 or 0.6% above the (YTD) budgeted amount of \$887,297.

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2017/18. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget was adopted for the original amount of \$964,783.

WATERMASTER ADMINISTRATIVE LEGAL SERVICES:

Overall, the Watermaster Administrative Legal Services expense (6070's) as of May 31, 2018, was \$217,341 or 131.9% above the budgeted amount of \$164,750. The specific items within the Administrative Legal Services expenses (6070's) which were under budget were the expenses for Rules and Regulations (6072) under budget by \$13,727 or 90.5%; and Interagency Issues (6074) under budget by \$28,050 or 100.0%. The specific items within the Administrative Legal Services expenses (6070's) which were over budget were the Court Coordination expenses (6071) over budget by \$7,629 or 20.2%;

Personnel Matter (6073) over budget by \$16,346 or 65.4%; Party Status Maintenance (6077) over budget by \$4,886 or 18.6%; and the Miscellaneous Category expenses (6078) over budget by \$230,257 or 710.6%. Please see Note 1 on the following page for a more detailed explanation of the miscellaneous types of expenses.

WATERMASTER POOLS, ADVISORY AND BOARD LEGAL SERVICES:

The Pools, Advisory Committee and the Board meeting legal expenses from BHFS are captured by month within the accounts (6275, 6375, 6375.1, 8375, 8475 and 8575). The legal service costs associated with the Board Workshop(s) are also included as part of this group. Overall, this category of legal expenses as of May 31, 2018 was \$59,445 or 34.0% below the budgeted amount of \$174,863. Normal Brownstein Hyatt Farber Schreck meeting attendance during any given month includes attendance at all three pool meetings, one Advisory Committee meeting and one Board meeting. The legal services budget was developed with the assumption of having eleven months of meetings, intentionally excluding the month of December 2017. The Watermaster parties agreed that during the months of August 2017 and December 2017, the three Pools, the Advisory Committee and the Watermaster Board meetings would not be held. For the month of March 2018, the three Pool meetings were cancelled at the request of each Pool, adding additional cost savings to this category.

OBMP LEGAL SERVICES:

The OBMP legal expenses (accounts 6907.31 through 6907.90) were below the budget for the month. As of May 31, 2018 the category of OBMP legal expenses were \$152,619 or 27.9% below the budgeted amount of \$547,684. The majority of expenses within this OBMP category were under budget (YTD), however, the Santa Ana River Water Rights legal expenses (6907.34) were over budget by \$17,565 or 73.1%; the Safe Yield Redetermination and Reset legal expenses (6907.42) were over budget by \$103,579 or 163.3%; the SGMA Compliance expenses (6907.44) were over budget by \$2,061 or 5.2%; and the Upper Santa Ana River Integrated Model expenses (6907.46) were over budget by \$825 or 100.0%.

The table listed below summarizes the Brownstein Hyatt Farber Schreck (BHFS) expenses as of May 31, 2018 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - May '18 Actual	Jul '17 - May '18 Budget	\$ Over Budget	% of Budget	FY 2017/18 Annual Budget
<b>6070 · Watermaster Legal Services</b>					
6071 · BHFS Legal - Court Coordination	45,441.65	37,813.00	7,628.65	120.18%	41,250.00
6072 · BHFS Legal - Rules & Regulations	1,447.65	15,175.00	-13,727.35	9.54%	15,175.00
6073 · BHFS Legal - Personnel Matters	41,346.42	25,000.00	16,346.42	165.39%	25,000.00
6074 · BHFS Legal - Interagency Issues	0.00	28,050.00	-28,050.00	0.0%	30,600.00
6076 · BHFS Legal - Storage Issues	0.00	0.00	0.00	0.0%	0.00
6077 · BHFS Legal - Party Status Maintenance	31,194.40	26,308.00	4,886.40	118.57%	28,700.00
6078 · BHFS Legal - Miscellaneous (Note 1)	262,660.93	32,404.00	230,256.93	810.58%	35,350.00
<b>Total 6070 · Watermaster Legal Services</b>	<b>382,091.05</b>	<b>164,750.00</b>	<b>217,341.05</b>	<b>231.92%</b>	<b>176,075.00</b>
6275 · BHFS Legal - Advisory Committee	9,941.22	17,000.00	-7,058.78	58.48%	18,700.00
6375 · BHFS Legal - Board Meeting	62,733.40	70,200.00	-7,466.60	89.36%	77,220.00
6375.1 · BHFS Legal - Board Workshop(s)	0.00	11,163.00	-11,163.00	0.0%	11,163.00
8375 · BHFS Legal - Appropriative Pool	13,830.39	25,500.00	-11,669.61	54.24%	28,050.00
8475 · BHFS Legal - Agricultural Pool	15,194.80	25,500.00	-10,305.20	59.59%	28,050.00
8575 · BHFS Legal - Non-Ag Pool	13,718.65	25,500.00	-11,781.35	53.8%	28,050.00
<b>Total BHFS Legal Services</b>	<b>115,418.46</b>	<b>174,863.00</b>	<b>-59,444.54</b>	<b>66.01%</b>	<b>191,233.00</b>
<b>6907.3 · WM Legal Counsel</b>					
6907.31 · Archibald South Plume	0.00	22,458.00	-22,458.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	9,169.65	22,458.00	-13,288.35	40.83%	24,500.00
6907.33 · Desalter/Hydraulic Control	1,954.80	19,731.00	-17,776.20	9.91%	21,525.00
6907.34 · Santa Ana River Water Rights	41,581.87	24,017.00	17,564.87	173.14%	26,200.00
6907.36 · Santa Ana River Habitat	10,738.80	63,525.00	-52,786.20	16.91%	69,300.00
6907.38 · Reg. Water Quality Cntrl Board	5,865.50	13,154.00	-7,288.50	44.59%	14,350.00
6907.39 · Recharge Master Plan	27,388.04	79,200.00	-51,811.96	34.58%	86,400.00
6907.40 · Storage Agreements	76,357.92	159,133.00	-82,775.08	47.98%	173,600.00
6907.41 · Prado Basin Habitat Sustainability	12,510.37	13,933.00	-1,422.63	89.79%	15,200.00
6907.42 · Safe Yield Recalculation	167,012.37	63,433.00	103,579.37	263.29%	69,200.00
6907.44 · SGMA Compliance	41,660.56	39,600.00	2,060.56	105.2%	43,200.00
6907.46 · Upper SAR Integrated Model	824.85	0.00	824.85	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	27,042.00	-27,042.00	0.0%	29,500.00
<b>Total 6907 · WM Legal Counsel</b>	<b>395,064.73</b>	<b>547,684.00</b>	<b>-152,619.27</b>	<b>72.13%</b>	<b>597,475.00</b>
<b>Total Brownstein, Hyatt, Farber, Schreck Costs</b>	<b>892,574.24</b>	<b>887,297.00</b>	<b>5,277.24</b>	<b>100.6%</b>	<b>964,783.00</b>

Note 1: The types of legal activities that have been charged against the "Miscellaneous" legal category account 6078 are as follows: (1) Correspondence and discussions with Watermaster staff regarding current issues/topics; (2) Correspondence with Watermaster staff regarding special projects (assessment package, replenishment obligations, annual report, audit report, business plan, etc.); (3) Brownstein's status review of ongoing Watermaster projects and issues; (4) Brownstein's update of the outstanding issues list; (5) Coordination of ongoing Watermaster projects; (6) Review of draft documents and contracts; (7) Review transfer documents; (8) Ground-Level Monitoring Committee reports/meetings; (9) Review process and criteria for SGMA reporting; (10) MVWD SCADA Agreement and installation; (11) Angelica Corporation Bankruptcy matter; (12) NRG/GENON Bankruptcy matter; (13) Pomona extensometer project, CEQA review and compliance; (14) Desalter Replenishment obligations, assessment methodologies, and ongoing issues; (15) Master Cost Sharing Agreement with IEUA; (16) Estimation and adoption of an evaporative loss policy for Recharge; (17) CalMat intervention; (18) Angelica's water rights transfer; (19) Exhibit "G" rate issues; (20) Blomquist outline review; and (21) Miscellaneous legal research on current and pending issues.

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
None

**OBMP ENGINEERING SERVICES AND LEGAL COSTS**

CURRENT MONTH – MAY 2018

Reviewing in total the OBMP Engineering Services and Legal Costs (consolidating the four categories of OBMP Watermaster Staff and SAWPA, OBMP Engineering Services, OBMP Legal Costs, and OBMP Other Expenses) for the eleven months ending May 31, 2018, the actual expenses of \$1,007,052 were below the budgeted amount of \$1,180,864 by \$173,812 or 14.7%. For a detailed discussion, the following is provided.

For May 31, 2018, the accounts 6901-6903 (Optimum Basin Mgmt. Program) section was below the Year-To-Date (YTD) budget by \$35,838 or 37.1%. Watermaster utilizes an in-house database time and attendance system to record and document staff's actual hours worked and also allocates those hours to a specific project or activity. Watermaster staff time could be charged to Administrative, OBMP, or Implementation Project categories. Recently, Watermaster staff spent less time on specific OBMP related areas as budgeted. As a result, Watermaster staff allocated less actual time to the OBMP project as budgeted, which resulted in an under budget variance of \$30,005 or 35.5%. The remaining expense was the Santa Ana Watershed Project Authority (SAWPA) FY 2017/18 Basin Monitoring Program Task Force Contribution which was budgeted at \$12,254 and actual expenses were \$5,833 or 47.6% below budget as of May 31, 2018.

For May 31, 2018, the accounts 6906 (Optimum Basin Mgmt. Program Engineering Services) section was above the Year-To-Date (YTD) budget by \$19,405 or 3.7%. For FY 2017/18, the OBMP-Safe Yield Redetermination and Reset expenses (6906.73) did not have a budget amount authorized and for the month of April there were no expenses charged to the OBMP-Safe Yield Redetermination and Reset account. The majority of expenses within this OBMP category were under budget (YTD), however, the accounts which were over budget were as follows: the SGMA Reporting Requirement expenses (6906.23) which were over budget by \$2,600 or 11.6%; the HCMP Meetings/Technical Review-IEUA Cost expenses (6906.27) which were over budget by \$4,892 or 100.0%; the OBMP-Other General Meetings Engineering Services expenses (6906.32) which were over budget by \$50,865 or 152.5%; the OBMP-Data Requests-CBWM Staff Engineering Services expenses (6906.71) which were over budget by \$34,644 or 34.5%; the OBMP-2018 RMPU Master Update expenses (6906.90) which were over budget by \$27,575 or 46.3%; and the OBMP Engineering Services-Other expenses (6906) which were over budget by \$391 or 1.5%.

Within the category 6907 (Optimum Basin Mgmt. Program Legal Fees) are the remaining Brownstein Hyatt Farber Schreck (BHFS) Watermaster's legal expenses. Within the legal expense category, some individual line item activities were above the budget by \$124,030 while some other line item activities were below the budget by \$276,649. Above the budget line items were the Santa Ana River Water Rights expenses of \$17,565; the Safe Yield Redetermination and Reset expenses of \$103,579; the SGMA Compliance expenses of \$2,061; and the Upper SAR Integrated Model expenses of \$825. The individual legal projects/activities that were below budget for the Year-To-Date (YTD) period were the Archibald South Plume of \$22,458; the Chino Airport Plume of \$13,288; the Desalter/Hydraulic Control of \$17,776; the Santa Ana River Habitat expenses of \$52,786; the Regional Water Quality Control Board of \$7,289; the Recharge Master Plan of \$51,812; Storage Agreements of \$82,775; the Prado Basin Habitat Sustainability of \$1,423; and the WM Unanticipated legal expenses of \$27,042. For the eleven months ended May 31, 2018, the overall cumulative (YTD) budget was \$547,684 and the actual (BHFS) legal expenses totaled \$395,065 which resulted in an under budget variance of \$152,619 or 27.9%.

The OBMP Other Expenses (6909's) were below the budget for the month. These expenses are typically conference calls, meeting expenses, supplies, annual inspection fees, and other miscellaneous type expenses. As of May 31, 2018 this category of expenses was \$4,760 or 59.8% below the budgeted amount of \$7,958.

The WEI Support for IEUA expenses are categorized within the category (6910's). The individual general ledger accounts are as follows: IRP Groundwater Modeling-WEI expenses (6910.10); As Needed Support for Obtaining Grant Funding of RMPU Projects expenses (6910.11); Preparation of a Compliance Demonstration for Stormwater Recharge expenses (6910.12); Ground Water Velocity Field for the San Sevaime Improvement Project expenses (6910.13); Truing-Up the 2013 RMPU Estimates expenses (6910.14); WEI Support-HCP Modeling expenses (6910.15); and RMPU-MPI Analysis expenses (6910.20). These expenses are billed directly to IEUA on the following month once the payment has been issued to Wildermuth Environmental, Inc. per the agreement. As of May 31, 2018 this category of expenses was fully invoiced in the amount of \$0 to IEUA.

Overall, the Optimum Basin Management Program (OBMP) category was \$1,007,052 compared to a (YTD) budget of \$1,180,864 for an under budget of \$173,812 or 14.7% as of May 31, 2018.

The table listed below summarizes the Optimum Basin Management Program (OBMP) expenses as of May 31, 2018 compared to the Year-To-Date (YTD) budget. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	<u>Jul '17 - May '18</u> <u>Actual</u>	<u>Jul '17 - May '18</u> <u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	<u>FY 2017/18</u> <u>Annual Budget</u>
6900 · Optimum Basin Mgmt Plan					
6901 · WM Staff Salaries	54,410.01	84,415.00	-30,004.99	64.46%	91,832.00
6903 · OBMP SAWPA Group	6,421.00	12,254.00	-5,833.00	52.4%	12,254.00
Total 6901-6903 · OBMP WM Staff/SAWPA	60,831.01	96,669.00	-35,837.99	62.93%	104,086.00
6906 · OBMP Engineering Services					
6906.1 · OBMP - Watermaster Model Update	43,356.60	54,234.00	-10,877.40	79.94%	59,164.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	10,489.15	23,401.00	-12,911.85	44.82%	25,528.00
6906.23 · SGMA Reporting Requirements	24,959.35	22,359.00	2,600.35	111.63%	24,392.00
6906.24 · Compliance - SB88 and SWRCB	2,061.90	6,428.00	-4,366.10	32.08%	7,012.00
6906.27 · HCP Meetings/Tech. Review-IEUA Cost	4,892.00	0.00	4,892.00	100.0%	0.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	71,307.10	88,871.00	-17,563.90	80.24%	96,950.00
6906.32 · OBMP - Other General Meetings	84,214.37	33,349.00	50,865.37	252.52%	36,381.00
6906.71 · OBMP - Data Requests - CBWM Staff	134,964.25	100,320.00	34,644.25	134.53%	109,440.00
6906.72 · OBMP - Data Requests - Non CBWM	25,255.95	29,106.00	-3,850.05	86.77%	31,752.00
6906.73 · OBMP - Safe Yield Recalculation	0.00	0.00	0.00	0.0%	0.00
6906.74 · OBMP - Mat'l Phy. Injury Requests	16,403.50	64,167.00	-47,763.50	25.56%	70,000.00
6906.75 · OBMP - Recharge Master Plan	0.00	0.00	0.00	0.0%	0.00
6906.81 · Prepare Annual Reports	15,770.15	20,000.00	-4,229.85	78.85%	20,000.00
6906.90 · OBMP - 2018 RMPU Master Update	87,158.54	59,584.00	27,574.54	146.28%	65,000.00
6906 · OBMP Engineering Services - Other	27,125.20	26,734.00	391.20	101.46%	29,164.00
Total 6906 · OBMP Engineering Services	547,958.06	528,553.00	19,405.06	103.67%	574,783.00
6907 · OBMP Legal Fees					
6907.3 · WM Legal Counsel					
6907.31 · Archibald South Plume	0.00	22,458.00	-22,458.00	0.0%	24,500.00
6907.32 · Chino Airport Plume	9,169.65	22,458.00	-13,288.35	40.83%	24,500.00
6907.33 · Desalter/Hydraulic Control	1,954.80	19,731.00	-17,776.20	9.91%	21,525.00
6907.34 · Santa Ana River Water Rights	41,581.87	24,017.00	17,564.87	173.14%	26,200.00
6907.36 · Santa Ana River Habitat	10,738.80	63,525.00	-52,786.20	16.91%	69,300.00
6907.38 · Reg. Water Quality Cntrl Board	5,865.50	13,154.00	-7,288.50	44.59%	14,350.00
6907.39 · Recharge Master Plan	27,388.04	79,200.00	-51,811.96	34.58%	86,400.00
6907.40 · Storage Agreements	76,357.92	159,133.00	-82,775.08	47.98%	173,600.00
6907.41 · Prado Basin Habitat Sustainability	12,510.37	13,933.00	-1,422.63	89.79%	15,200.00
6907.42 · Safe Yield Recalculation	167,012.37	63,433.00	103,579.37	263.29%	69,200.00
6907.44 · SGMA Compliance	41,660.56	39,600.00	2,060.56	105.2%	43,200.00
6907.46 · Upper SAR Integrated Model	824.85	0.00	824.85	100.0%	0.00
6907.90 · WM Legal Counsel - Unanticipated	0.00	27,042.00	-27,042.00	0.0%	29,500.00
Total 6907 · WM Legal Counsel	395,064.73	547,684.00	-152,619.27	72.13%	597,475.00
Total 6907 · OBMP Legal Fees	395,064.73	547,684.00	-152,619.27	72.13%	597,475.00
6909 · OBMP Other Expenses					
6909.1 · OBMP Meetings	1,807.21	1,375.00	432.21	131.43%	1,500.00
6909.3 · Other OBMP Expenses	1,391.00	2,000.00	-609.00	69.55%	2,000.00
6909.6 · OBMP Expenses - Miscellaneous	0.00	4,583.33	-4,583.33	0.0%	10,000.00
Total 6909 · OBMP Other Expenses	3,198.21	7,958.33	-4,760.12	40.19%	13,500.00
6910 · WEI Support for IEUA					
6910.10 · IRP Groundwater Modeling - WEI	0.00	0.00	0.00	0.0%	0.00
6910.11 · WEI Support-Grant Funding-RMPU	0.00	0.00	0.00	0.0%	0.00
6910.12 · WEI Support-Stormwater Recharge	0.00	0.00	0.00	0.0%	0.00
6910.13 · IEUA-San Seivaine Improvement Project	0.00	0.00	0.00	0.0%	0.00
6910.14 · Truing-Up 2013 RMPU Estimates	0.00	0.00	0.00	0.0%	0.00
6910.15 · WEI Support-HCP Modeling	0.00	0.00	0.00	0.0%	0.00
6910.20 · RMPU-MPI Analysis	0.00	0.00	0.00	0.0%	0.00
6910.50 · WEI Support for IEUA-Billings	0.00	0.00	0.00	0.0%	0.00
Total 6910 · WEI Support for IEUA	0.00	0.00	0.00	0.0%	0.00
Total 6900 · Optimum Basin Mgmt Plan	1,007,052.01	1,180,864.33	-173,812.32	85.28%	1,289,844.00

PREVIOUSLY REPORTED ACTIONS (Descending Order)

None

ENGINEERING SERVICES - OBMP IMPLEMENTATION PROJECTS COSTS  
WILDERMUTH ENVIRONMENTAL, INC.

CURRENT MONTH – MAY 2018

As of May 31, 2018, the total (YTD) Engineering Services expenses were \$1,569,106 or 40.0% below the (YTD) budget amount of \$3,918,441. The OBMP Implementation Projects (consolidated accounts 7100's – 7700's) were all under budget as of May 31, 2018, with the exception of the Groundwater Quality-Engineering Services expenses (7103.3) which were over budget by \$2,981 or 1.7%; Ground Level-SAR Imagery expenses (7107.3) which were over budget by \$10,492 or 12.1%; Hydraulic Control-PBHSP expenses (7108.31 and 7108.41) which were over budget by \$8,220 or 10.9% and \$1,896 or 17.2% respectively; PE4-Engineering expenses (7402) which were over budget by \$247 or 0.3%; and PE6&7-Cooperative Efforts/Salt Management expenses (7502) which were over budget by \$22,572 or 30.5%.

The Groundwater Quality-Engineering expenses (7103.3) were over budget by \$2,981 or 1.7% as a result of continued measurement activities from about 150 wells along with their related subtasks. This category is projected to level out over the next few months.

The Ground Level-SAR Imagery expenses (7107.3) were over budget by \$10,492 or 12.1% as a result of continued activities. This category is projected to be over budget at fiscal year-end.

Hydraulic Control-PBHSP expenses (7108.31 and 7108.41) were over budget by \$8,220 or 10.9% and \$1,896 or 17.2% respectively as a result of continued Prado Basin activities. These two categories are expected to level out over the next few months.

The PE4-Engineering expenses (7402) were over budget by \$247 or 0.3% as a result of continued activities. This category is projected to be under budget at fiscal year-end.

PE 6&7-Cooperative Efforts/Salt Management account (7502) was over budget by \$22,572 or 30.5% as a result of continuing efforts by the engineering staff to attend water-quality meetings, provide technical support on the Chino Airport, South Archibald, and other plumes, and prepare the draft Maximum Benefit Annual Report for 2017 which was due to the Regional Board on April 15, 2018. This category is projected to be over budget by approximately \$17,308 according to the 3<sup>rd</sup> quarter ECAC report issued as of April 30, 2018.

Wildermuth Environmental, Inc. provides Watermaster an Estimated Cost at Completion (ECAC) report each quarter. The purpose of this ECAC report is to update Watermaster on whether or not the Engineering Services budget will be above or below budget at the end of the fiscal year. If the Engineering Services budget is expected to be above budget at fiscal year-end, a Budget Amendment or Budget Transfer Form would need to be approved to ensure funding.

The third ECAC report for the current fiscal year has been provided for the period ending March 31, 2018 and shows a projected under budget at fiscal year-end June 30, 2018 of \$44,623.

**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of March 31, 2018**

Acct #	Description	Billed Feb-18	Billed Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6905	OBMP Engineering	\$ 31,724	\$ 33,784	\$ 28,230	\$ 31,843	\$ 35,197	\$ 463,944	\$ 463,944	\$ (13,325)	82%	103%
6905.1	OBMP - Watermaster Model Applications	-	-	-	-	-	43,357	43,357	15,807	73%	73%
6905.9	2018 RMPU Recharge Master Update	30,121	-	-	-	-	87,159	87,159	(22,159)	134%	134%
7103.3	GW and SW Quality - Engineering Services	8,382	22,048	11,000	23,200	21,800	206,234	206,234	(12,520)	78%	106%
7103.5	GW and SW Quality - Laboratory Services	-	4,216	2,132	-	4,500	64,400	64,400	16,253	72%	80%
7104.3	GW Level - Engineering Services	11,708	26,080	14,040	23,742	28,500	237,337	237,337	211	72%	100%
7104.8	GW Level - Contract Services	-	-	-	-	-	-	-	10,000	0%	0%
7104.9	GW Level - Capital Services	-	7,540	-	1,000	7,000	17,492	17,492	(9,452)	119%	219%
7107.2	Ground Level - Engineering Services	3,581	3,828	7,507	5,897	27,592	66,597	66,597	2,900	37%	96%
7107.3	Ground Level - SAR Imagery	-	19,800	85,300	-	-	97,100	97,100	(10,492)	37%	112%
7107.6	Ground Level - Contract Services	-	62,406	20,308	18,869	30,208	166,552	166,552	2,000	58%	99%
7107.8	Ground Level - Capital Equipment	-	-	1,200	500	1,200	3,019	3,019	2,340	2%	56%
7108.31	IEUA - Prado Basin Habitat Monitoring	33,800	30,644	23,450	5,250	1,600	168,645	79,322	2,607	157%	97%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,858	4,429	571	177%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	2,294	-	6,000	3,000	3,000	23,163	23,163	214	48%	99%
7202.2	Comp Recharge - Engineering Services	4,118	971	3,000	5,000	3,000	86,878	86,878	75,098	47%	54%
7303	OBMP - Engineering Services - Desalters	-	-	-	-	-	-	-	9,640	0%	0%
7402	OBMP - Engineering Services - MZ1	10,582	7,247	8,600	16,000	16,000	116,807	116,807	(13,517)	74%	113%
7402.1	OBMP - Engineering Services - Northwest MZ1	3,911	2,527	6,000	14,713	1,541,481	1,663,991	1,663,991	(14,206)	6%	101%
7403	OBMP - Contract Services - MZ1	-	-	-	-	-	20,000	-	-	0%	0%
7502	OBMP - Engineering Services - WQC	9,747	12,975	7,000	1,150	-	96,421	96,421	(17,306)	112%	122%
7510	IEUA - Update Recycled Water Permit - Salinity	33,265	16,110	47,000	56,000	60,714	381,231	125,806	(0)	173%	100%
7602	Storage Management/Conjunctive Use	27,235	31,771	32,000	32,000	26,283	502,408	502,408	(0)	82%	100%
<b>Totals</b>		<b>\$ 210,497</b>	<b>\$ 281,947</b>	<b>\$ 282,767</b>	<b>\$ 238,164</b>	<b>\$ 1,808,075</b>	<b>\$ 4,491,591</b>	<b>\$ 4,162,415</b>	<b>\$ 44,623</b>	<b>62%</b>	<b>99%</b>

Note: Billed includes MWHLaboratory Invoices paid directly by Watermaster.

5/2/2018--11:36 AM  
2017-18CBWM\_Invoice\_Summary\_ISBM\_20180411--Prjction Summary



**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of March 31, 2018**

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Billed Oct-17	Billed Nov-17	Billed Dec-17	Billed Jan-18
6905	OBMP Engineering	\$ 450,619	\$ 450,619	\$ 35,585	\$ 39,218	\$ 41,580	\$ 53,951	\$ 40,854	\$ 39,367	\$ 52,612
6905.1	OBMP - Watermaster Model Applications	59,164	59,164	-	12,605	-	30,262	-	-	490
6905.9	2018 RMPU Recharge Master Update	65,000	65,000	18,560	21,059	-	9,545	-	2,657	5,217
7103.3	GW and SW Quality - Engineering Services	193,714	193,714	10,925	22,150	19,365	24,479	10,467	9,207	23,210
7103.5	GW and SW Quality - Laboratory Services	80,853	80,853	2,032	14,256	9,850	5,785	8,786	10,411	2,432
7104.3	GW Level - Engineering Services	237,548	237,548	12,010	14,070	10,271	18,191	24,964	42,168	11,592
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.9	GW Level - Capital Services	8,000	8,000	599	579	-	-	268	-	504
7107.2	Ground Level - Engineering Services	48,795	69,497	3,383	4,032	1,401	2,482	1,767	630	4,497
7107.3	Ground Level - SAR Imagery	86,808	86,808	-	-	12,000	-	-	-	-
7107.6	Ground Level - Contract Services	144,356	168,552	14,296	-	-	-	-	16,458	4,007
7107.8	Ground Level - Capital Equipment	5,359	5,359	-	-	119	-	-	-	-
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,929	7,635	857	-	16,039	7,693	6,354	25,324
7108.6	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	8,858	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	1,526	6,440	-	-
7202.2	Comp Recharge - Engineering Services	161,976	161,976	14,432	17,759	17,227	6,391	9,938	2,364	2,679
7303	OBMP - Engineering Services - Desalters	9,640	9,640	-	-	-	-	-	-	-
7402	OBMP - Engineering Services - MZ1	103,290	103,290	28,638	6,145	13,179	3,387	653	1,106	5,271
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,576	1,649,785	3,149	27,000	16,690	14,693	19,327	12,119	2,381
7403	OBMP - Contract Services - MZ1	20,000	20,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	79,113	79,113	11,419	12,542	4,866	2,909	4,307	24,006	5,480
7510	IEUA - Update Recycled Water Permit - Salinity	125,806	125,806	10,850	2,187	51,346	54,156	5,260	12,753	31,562
7602	Storage Management/Conjunctive Use	182,207	502,408	24,216	46,295	54,690	65,131	64,981	49,697	46,107
<b>Totals</b>		<b>\$ 3,683,730</b>	<b>\$ 4,197,038</b>	<b>\$ 197,730</b>	<b>\$ 241,657</b>	<b>\$ 252,604</b>	<b>\$ 317,785</b>	<b>\$ 205,706</b>	<b>\$ 229,799</b>	<b>\$ 224,861</b>

5/2/2018--11:36 AM  
2017-18CBWM\_Invoice\_Summary\_ISBM\_20180411--Prjction Summary



The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through March 31, 2018 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/f8d9025d3e1f4c/>

The fourth and final ECAC report is scheduled to be issued in mid-August 2018 for the period July 1, 2017 through June 30, 2018. This report will provide the detail for the funding of ongoing projects and activities which will be Carried-Over into FY 2018/19. At the current time, it is anticipated that the following projected amounts could be Carried-Over from FY 2017/18 to FY 2018/19:

Ground Level Monitoring-Engineering (Account 7107.2): \$20,702  
 Ground Level Monitoring-Contract Services (Account 7107.6): \$9,900  
 PE4 Northwest MZ-1 Area Project (Account 7402.10): \$1,536,481

The table listed below summarized the Year-To-Date (YTD) Actual Wildermuth Environmental, Inc., (WEI) and other Engineering costs compared to the Year-To-Date (YTD) Budget as of May 31, 2018. Please be advised that the "\$ Over Budget" and the "% of Budget" columns are a comparison of the (YTD) Actual to the (YTD) Budget, not the 12-month Annual Budget. The 12-month Annual Budget column is presented only to provide the data in a full and complete format. The following details are provided:

	Jul '17 - May '18	Jul '17 - May '18	\$ Over Budget	% of Budget	FY 2017/18
	Actual	Budget			Annual Budget
6906 · OBMP Engineering Services - Other	27,125.20	26,734.00	391.20	101.46%	29,164.00
6906.1 · OBMP - Watermaster Model Update	43,356.60	54,234.00	-10,877.40	79.94%	59,164.00
6906.21 · State of the Basin Report	0.00	0.00	0.00	0.0%	0.00
6906.22 · Water Rights Compliance Reporting	10,489.15	23,401.00	-12,911.85	44.82%	25,528.00
6906.23 · SGMA Reporting Requirements	24,959.35	22,359.00	2,600.35	111.63%	24,392.00
6906.24 · Compliance - SB88 and SWRCB	2,061.90	6,428.00	-4,366.10	32.08%	7,012.00
6906.25 · Initial Assessment - Section 4.5-SYRA	0.00	0.00	0.00	0.0%	0.00
6906.27 · HCP Meetings/Technical Review-IEUA Cost	4,892.00	0.00	4,892.00	100.0%	0.00
6906.31 · OBMP - Pool, Advisory, Board Mtgs.	71,307.10	88,871.00	-17,563.90	80.24%	96,950.00
6906.32 · OBMP - Other General Meetings	84,214.37	33,349.00	50,865.37	252.52%	36,381.00
6906.71 · OBMP - Data Requests - CBWM Staff	134,964.25	100,320.00	34,644.25	134.53%	109,440.00
6906.72 · OBMP - Data Requests - Non CBWM	25,255.95	29,106.00	-3,850.05	86.77%	31,752.00
6906.74 · OBMP - Mat'l Physical Injury Requests	16,403.50	64,167.00	-47,763.50	25.56%	70,000.00
6906.81 · Prepare Annual Reports	15,770.15	20,000.00	-4,229.85	78.85%	20,000.00
6906.90 · OBMP - 2018 RMPU Master Update	87,158.54	59,584.00	27,574.54	146.28%	65,000.00
7103.3 · Grdwtr Qual-Engineering	180,551.50	177,571.00	2,980.50	101.68%	193,714.00
7103.5 · Grdwtr Qual-Lab Svcs	38,825.00	58,653.00	-19,828.00	66.19%	58,653.00
7104.3 · Grdwtr Level-Engineering	209,527.89	217,752.00	-8,224.11	96.22%	237,548.00
7104.8 · Grdwtr Level-Contracted Services	0.00	9,167.00	-9,167.00	0.0%	10,000.00
7104.9 · Grdwtr Level-Capital Equipment	843.20	7,333.00	-6,489.80	11.5%	8,000.00
7107.2 · Grd Level-Engineering	30,343.19	63,706.00	-33,362.81	47.63%	69,497.00
7107.3 · Grd Level-SAR Imagery	97,100.00	86,608.00	10,492.00	112.11%	86,608.00
7107.6 · Grd Level-Contract Svcs	145,824.87	156,522.00	-10,697.13	93.17%	168,552.00
7107.8 · Grd Level-Capital Equipment	0.00	4,913.00	-4,913.00	0.0%	5,359.00
7108.3 · Hydraulic Control-Engineering	0.00	0.00	0.00	0.0%	0.00
7108.31 · Hydraulic Control-PBHSP	83,321.26	75,101.00	8,220.26	110.95%	81,929.00
7108.32 · Hydraulic Control-Adaptive Mgmt Plan	0.00	0.00	0.00	0.0%	0.00
7108.4 · Hydraulic Control-Lab Svcs	8,528.00	9,167.00	-639.00	93.03%	10,000.00
7108.41 · Hydraulic Control-PBHSP	12,896.00	11,000.00	1,896.00	117.24%	12,000.00
7108.6 · Hydraulic Control-Outside Professionals	0.00	4,583.00	-4,583.00	0.0%	5,000.00
7109.3 · Recharge & Well - Engineering	20,359.20	21,429.00	-1,069.80	0.0%	23,377.00
7202.2 · Comp Recharge-Engineering Services	79,905.19	148,478.00	-68,572.81	53.82%	161,976.00
7303 · PE3&5-Engineering - Other	0.00	8,837.00	-8,837.00	0.0%	9,640.00
7402 · PE4-Engineering	94,928.87	94,682.00	246.87	100.26%	103,290.00
7402.10 · PE4-MZ1 Pomona Project	123,851.10	1,524,303.00	-1,400,451.90	8.13%	1,649,785.00
7403 · PE4-Contract Svcs	0.00	18,333.00	-18,333.00	0.0%	20,000.00
7502 · PE6&7-Engineering	96,591.67	74,020.00	22,571.67	130.49%	79,113.00
7510 · PE6&7-IEUA Salinity Mgmt. Plan	98,321.72	115,322.00	-17,000.28	85.26%	125,806.00
7602 · PE8&9-Engineering	479,658.29	502,408.00	-22,749.71	95.47%	502,408.00
<b>Total Engineering Services Costs</b>	<b>2,349,335.01</b>	<b>3,918,441.00</b>	<b>-1,569,105.99</b>	<b>59.96%</b>	<b>4,197,038.00</b> *

\* Wildermuth and Subcontractor Engineering Budget of \$3,683,730 plus Carryover Funds from FY 2016/17 of \$193,107 plus Budget Amendment Form A-18-03-01 of \$320,201 = \$4,197,038  
 Carryover Funds from FY 2016/17 of \$193,107 = \$20,702 (7107.2); \$24,196 (7107.6); \$6,000 (7108.31); and \$142,209 (7402.10)  
 Budget Amendment Form A-18-03-01 of \$320,201 (7602)

PREVIOUSLY REPORTED ACTIONS (Descending Order)  
 March 2018:

Budget Amendment Form A-18-03-01, which was approved by the Watermaster Board on April 26, 2018, increased the Engineering Services budget by the amount of \$320,201 within the PE 8&9 Storage Management/Conjunctive Use budget (account 7602). The previous Amended Budget was \$3,876,837 and with the addition of \$320,201 the new Amended Budget for Engineering Services is \$4,197,038 (\$3,876,837 + \$320,201 = \$4,197,038).

The increase of \$182,207 to \$502,408 was a result of a two-year Engineering project which was originally budgeted and approved for \$182,207 for FY 2017/18 during the budgeting process. The consultant costs increased due to unexpected difficulties in acquiring planning information from some parties and from the inclusion of additional baseline scenarios that were requested by the parties during workshops. Further, the engineering work was accelerated to ensure that certain information be made available to the Appropriative and Overlying Agricultural Pools to comply with the requirements of the tolling agreement among them, and to provide decision-support information to the various parties involved in the development of groundwater Storage and Recovery projects for the so-called Chino Basin Water Bank, IEUA's Proposition 1 Grant Proposal to develop a storage and recovery program in the Chino Basin, and the proposed Chino Basin storage element in the Santa Ana River Conservation and Conjunctive-Use Program (SARCCUP). The table below illustrates the change in the total effort cost and the changes in each fiscal year.

	FY 2017/18	FY 2018/19	Effort Total
Original Concept	\$182,207	\$161,004	\$343,211
Revised Concept	\$502,408	\$105,348	\$607,756
Change for FY	\$320,201	(\$55,656)	\$264,545

December 2017:

The second ECAC report for the current fiscal year has been provided for the period ending December 31, 2017 and shows a projected over budget at fiscal year-end June 30, 2018 of \$407,335. The majority of the projected budget overage is in the Storage Management/Conjunctive Use expenses (7602). This activity was originally developed and designed as a two year-project and budgeted accordingly during the FY 2017/18 budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and the total budget for this fiscal year is projected at \$344,081 (or more depending upon the scope of work). If the activities are being completed earlier than projected, a Budget Amendment during FY 2017/18 would need to be presented for approval to continue the funding.

**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of December 31, 2017**

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Billed Oct-17	Billed Nov-17	Billed Dec-17	Projected Jan-18
6906	OBMP Engineering	\$ 450,619	\$ 450,619	\$ 35,585	\$ 39,218	\$ 41,580	\$ 53,951	\$ 40,854	\$ 39,357	\$ 34,242
6906.1	OBMP - Watermaster Model Applications	59,164	59,164	-	12,605	-	30,262	-	-	-
6906.9	2018BRMPU Recharge Master Update	65,000	65,000	18,560	21,059	-	9,545	-	2,657	5,000
7103.3	GW and SW Quality - Engineering Services	193,714	193,714	10,926	22,150	19,365	24,479	10,467	9,207	26,925
7103.5	GW and SW Quality - Laboratory Services	80,653	80,653	2,032	14,256	9,850	5,785	8,786	10,411	2,132
7104.3	GW Level - Engineering Services	237,548	237,548	12,010	14,070	10,271	18,191	24,964	42,189	15,600
7104.8	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.90	GW Level - Capital Services	8,000	8,000	599	579	-	-	268	504	-
7107.2	Ground Level - Engineering Services	48,795	69,497	3,383	4,032	1,401	2,482	1,767	630	4,359
7107.3	Ground Level - SAR Imagery	86,608	86,608	-	-	12,000	-	-	-	-
7107.6	Ground Level - Contract Services	144,355	168,552	14,296	-	-	-	-	16,458	-
7107.8	Ground Level - Capital Equipment	5,359	5,359	-	-	119	-	-	-	500
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,929	7,635	857	-	16,039	7,693	6,354	34,480
7108.6	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	8,658	-	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	1,526	6,440	-	-
7202.2	Comp Recharge - Engineering Services	161,976	161,976	14,432	17,759	17,227	6,391	9,938	2,364	10,054
7303	OBMP - Engineering Services - Desalters	9,640	9,640	-	-	-	-	-	-	1,071
7402	OBMP - Engineering Services - MZ1	103,290	103,290	28,638	6,145	13,179	3,387	653	1,106	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,576	1,649,785	3,149	27,000	16,690	14,693	19,327	12,119	228,879
7403	OBMP - Contract Services - MZ1	20,000	20,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - VWGC	79,113	79,113	11,419	12,542	4,886	2,909	4,307	24,005	19,000
7510	IEUA - Update Recycled Water Permit - Salinity	125,806	125,806	10,850	2,187	51,346	54,156	5,260	12,753	28,253
7602	Storage Management/Conjunctive Use	182,207	182,207	24,216	46,296	54,690	65,131	64,991	49,697	60,549
<b>Totals</b>		<b>\$ 3,683,730</b>	<b>\$ 3,876,837</b>	<b>\$ 197,730</b>	<b>\$ 241,657</b>	<b>\$ 252,604</b>	<b>\$ 317,785</b>	<b>\$ 205,706</b>	<b>\$ 229,799</b>	<b>\$ 473,044</b>

**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of December 31, 2017**

Acct #	Description	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
6905	OBMP Engineering	\$ 39,504	\$ 40,208	\$ 35,300	\$ 32,504	\$ 32,504	\$ 464,818	\$ 464,818	\$ (14,193)	56%	103%
6906.1	OBMP - Watermaster Model Applications	-	-	-	-	-	42,667	42,667	16,286	72%	72%
6906.9	2018 RMP U Recharge Master Update	10,000	10,000	10,000	10,000	10,000	106,821	106,821	(41,821)	80%	164%
7103.3	GW and SW Quality - Engineering Services	26,000	20,200	9,400	3,000	19,800	201,919	201,919	(8,205)	50%	104%
7103.5	GW and SW Quality - Laboratory Services	2,500	4,688	2,132	-	4,688	67,260	67,260	13,393	63%	83%
7104.3	GW Level - Engineering Services	19,800	20,050	15,740	26,862	21,854	241,401	241,401	(3,853)	51%	102%
7104.8	GW Level - Contract Services	-	-	-	-	-	-	-	10,000	0%	0%
7104.9	GW Level - Capital Services	-	-	-	-	6,000	7,951	7,951	49	24%	99%
7107.2	Ground Level - Engineering Services	6,162	3,046	4,144	4,887	1,355	37,650	37,650	31,847	20%	54%
7107.3	Ground Level - SAR Imagery	18,608	-	56,000	10,492	-	97,100	97,100	(10,492)	14%	112%
7107.6	Ground Level - Contract Services	32,325	32,325	38,853	22,395	-	156,652	156,652	11,900	18%	93%
7107.8	Ground Level - Capital Equipment	1,000	500	1,000	500	1,000	4,619	4,619	740	2%	96%
7108.31	IEUA - Prado Basin Habitat Monitoring	43,400	20,448	13,746	4,480	2,078	157,210	78,605	3,324	47%	96%
7108.6	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,858	4,428	571	177%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	1,700	-	4,000	2,000	2,000	18,569	18,569	4,808	36%	79%
7202.2	Comp Recharge - Engineering Services	12,589	15,054	15,054	17,554	15,057	153,452	153,452	8,524	42%	95%
7303	OBMP - Engineering Services - Desalters	1,071	1,071	1,071	1,071	1,071	6,427	6,427	3,213	0%	67%
7402	OBMP - Engineering Services - MZ1	11,032	10,600	15,000	14,000	10,640	116,379	116,379	(13,069)	51%	113%
7402.1	OBMP - Engineering Services - Northwest MZ1	237,122	234,649	154,766	232,354	461,315	1,642,060	1,642,060	7,725	6%	100%
7403	OBMP - Contract Services - MZ1	-	-	5,000	5,000	-	10,000	10,000	10,000	0%	50%
7502	OBMP - Engineering Services - WQC	10,395	13,860	6,930	-	-	110,254	110,254	(31,141)	76%	139%
7510	IEUA - Update Recycled Water Permit - Salinity	35,000	30,000	35,000	30,000	30,000	324,804	107,185	16,621	109%	65%
7602	Storage Management/Conjunctive Use	60,549	60,549	60,549	60,549	-	607,756	607,756	(425,549)	167%	334%
<b>Totals</b>		<b>\$ 566,737</b>	<b>\$ 517,248</b>	<b>\$ 483,684</b>	<b>\$ 477,668</b>	<b>\$ 619,162</b>	<b>\$ 4,584,824</b>	<b>\$ 4,284,172</b>	<b>\$ (407,335)</b>	<b>37%</b>	<b>118%</b>

Note: Billed includes MMH Laboratory invoices paid directly by Watermaster.

1/24/2018--10:17 AM  
2017-18 CBWM\_Invoice\_Summary\_ISBM\_20180108--P Projection Summary



Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through December 31, 2017 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/adc6714cf187d0/>

The third ECAC report is scheduled to be issued in mid-May 2018 for the period July 1, 2017 through March 31, 2018.

November 2017:

The first ECAC report for the current fiscal year has been provided for the period ending September 30, 2017 and shows a projected over budget at fiscal year-end June 30, 2018 of \$117,029. The majority of the projected budget overage in the amount of \$161,874 is in the Storage Management/Conjunctive Use expenses (7602). This activity was originally developed and designed as a two year-project and budgeted accordingly during the FY 2017/18 budgeting process. Due to specific deadlines, Watermaster has requested the timeline be pushed forward and the total budget for this fiscal year is projected at \$344,081. If the activities are being completed earlier than projected, a Budget Amendment during FY 2017/18 would need to be presented for approval to continue the funding.

The other category projected to be over budget by the amount of \$36,631 at June 30, 2018 is the expenses related to Update IEUA's Recycled Water Permits/Maximum Benefit Salinity Management Plan for the Chino Basin expenses (7510). This category could be funded through a Budget Amendment, as described above, or through a Budget Transfer. As an offset to the accounts projected to be over budget, there are also some activities that are projected to be under budget at fiscal year-end June 30, 2018.

**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of September 30, 2017**

Acct #	Description	Original Budget	Revised Budget	Billed Jul-17	Billed Aug-17	Billed Sep-17	Projected Oct-17	Projected Nov-17	Projected Dec-17	Projected Jan-18
8908	OBMP Engineering	\$ 460,619	\$ 460,610	\$ 35,895	\$ 39,218	\$ 41,580	\$ 52,895	\$ 42,004	\$ 28,809	\$ 39,862
6606.1	OBMP - Watermaster Model Applications	59,164	59,164	-	12,805	-	30,000	2,070	2,070	2,070
6906.9	2018 RMPU Recharge Master Update	65,000	65,000	18,580	21,059	-	10,000	1,823	1,823	1,823
7103.3	GW and SW Qality - Engineering Services	193,714	193,714	10,928	22,150	19,365	23,910	13,044	21,329	11,667
7103.5	GW and SW Quality - Laboratory Services	80,663	80,663	2,032	14,258	9,690	12,842	10,000	14,697	2,132
7104.3	GW Level - Engineering Services	237,549	237,548	12,010	14,070	10,271	18,349	28,768	22,158	16,159
7104.9	GW Level - Contract Services	10,000	10,000	-	-	-	-	-	-	-
7104.90	GW Level - Capital Services	8,000	8,000	599	579	-	-	-	-	1,700
7107.2	Ground Level - Engineering Services	49,795	69,497	3,393	4,032	1,401	3,050	9,461	7,183	8,359
7107.3	Ground Level - SAR Imagery	88,603	88,608	-	-	12,000	-	12,167	-	-
7107.9	Ground Level - Contract Services	144,358	169,552	14,298	-	-	-	-	11,900	-
7107.9	Ground Level - Capital Equipment	5,359	5,359	-	-	119	500	500	500	500
7108.31	IEUA - Prado Basin Habitat Monitoring	75,929	81,829	7,635	857	-	16,465	16,818	24,460	27,463
7108.9	IEUA - PBHSP - Outside Pro	5,000	5,000	-	-	-	-	8,959	-	-
7109.3	Recharge & Well Monitoring - Engineering Serv.	23,377	23,377	-	902	-	3,000	2,700	1,200	1,200
7202.2	Comp Recharge - Engineering Services	161,678	161,678	14,432	17,758	17,227	6,503	9,854	12,353	9,854
7303	OBMP - Engineering Services - Desalters	9,649	9,649	-	-	-	-	1,071	1,071	1,071
7402	OBMP - Engineering Services - MZ1	103,290	103,290	28,636	8,145	13,179	1,500	1,000	1,500	2,000
7402.1	OBMP - Engineering Services - Northwest MZ1	1,507,578	1,649,795	3,146	27,000	16,690	15,460	241,353	232,447	228,979
7403	OBMP - Contract Services - MZ1	29,000	29,000	-	-	-	-	-	-	-
7502	OBMP - Engineering Services - WQC	79,113	79,113	11,419	12,542	4,896	3,000	2,356	2,000	7,579
7510	IEUA - Update Recycled Water Permit - Salinity	125,508	125,806	10,850	2,187	51,349	55,000	40,644	40,644	18,000
7802	Storage Management/Conjunctive Use	182,207	182,207	24,218	48,298	54,690	65,000	21,893	21,893	21,893
<b>Totals</b>		<b>\$ 3,683,730</b>	<b>\$ 3,876,837</b>	<b>\$ 197,730</b>	<b>\$ 241,557</b>	<b>\$ 252,434</b>	<b>\$ 323,931</b>	<b>\$ 457,905</b>	<b>\$ 446,312</b>	<b>\$ 402,114</b>

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2017-18CBWM\_Invoice\_Summary\_ISBM\_20171011ECAC--Projection Summary



**Attachment 1a**  
**Chino Basin Watermaster: Invoice Projections for Engineering Tasks for Fiscal Year 2017/18**  
**As of September 30, 2017**

Acct #	Description	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Total Projected	Less IEUA Portion of Cost Share			
								Total Projected	Under / (Over) Rev. Budget	YTD % Billed Rev. Budget	Projected % Rev. Budget
8908	OBMP Engineering	\$ 37,204	\$ 44,004	\$ 32,504	\$ 32,504	\$ 32,504	\$ 458,075	\$ 458,075	\$ (6,450)	20%	101%
6606.1	OBMP - Watermaster Model Applications	2,070	2,070	2,070	2,070	2,069	59,164	59,164	-	21%	100%
6906.9	2018 RMPU Recharge Master Update	1,823	1,823	1,823	1,823	1,820	65,000	65,000	-	81%	100%
7103.3	GW and SW Qality - Engineering Services	14,725	19,500	7,494	4,725	22,846	190,679	190,679	3,039	27%	98%
7103.5	GW and SW Quality - Laboratory Services	-	4,688	2,132	-	4,688	78,937	78,937	3,718	32%	95%
7104.3	GW Level - Engineering Services	22,810	29,508	14,058	26,199	21,194	224,340	224,340	13,208	15%	94%
7104.9	GW Level - Contract Services	-	-	-	10,000	-	10,000	10,000	-	0%	100%
7104.90	GW Level - Capital Services	-	-	-	-	5,100	7,978	7,978	22	15%	100%
7107.2	Ground Level - Engineering Services	9,127	7,049	8,196	6,044	2,586	67,852	67,852	1,645	13%	99%
7107.3	Ground Level - SAR Imagery	18,609	-	59,000	-	-	98,775	98,775	(12,187)	14%	114%
7107.9	Ground Level - Contract Services	32,325	32,325	39,853	25,602	12,051	188,552	188,552	-	6%	100%
7107.9	Ground Level - Capital Equipment	600	499	600	1,000	600	5,278	5,278	91	2%	99%
7108.31	IEUA - Prado Basin Habitat Monitoring	24,829	19,448	13,746	4,480	2,078	158,371	79,185	2,744	10%	97%
7108.9	IEUA - PBHSP - Outside Pro	-	-	-	-	-	8,958	4,428	571	0%	89%
7109.3	Recharge & Well Monitoring - Engineering Serv.	2,700	1,200	4,000	2,700	1,477	21,079	21,079	2,298	4%	90%
7202.2	Comp Recharge - Engineering Services	12,169	14,654	14,654	17,154	15,783	181,978	181,978	-	31%	100%
7303	OBMP - Engineering Services - Desalters	1,071	1,071	1,071	1,071	1,071	8,569	8,569	1,071	0%	89%
7402	OBMP - Engineering Services - MZ1	11,632	10,890	15,000	14,000	10,600	115,093	115,093	(11,803)	46%	111%
7402.1	OBMP - Engineering Services - Northwest MZ1	229,029	234,649	163,796	229,354	8,500	1,827,274	1,827,274	22,511	3%	99%
7403	OBMP - Contract Services - MZ1	-	5,000	5,000	9,000	500	20,000	20,000	-	0%	100%
7502	OBMP - Engineering Services - WQC	10,395	13,880	9,030	1,850	1,100	79,113	79,113	-	36%	100%
7510	IEUA - Update Recycled Water Permit - Salinity	15,015	22,647	22,647	22,647	22,647	324,875	182,437	(36,831)	51%	123%
7802	Storage Management/Conjunctive Use	21,893	21,893	21,893	21,980	-	344,061	344,061	(181,674)	89%	189%
<b>Totals</b>		<b>\$ 466,313</b>	<b>\$ 476,634</b>	<b>\$ 431,729</b>	<b>\$ 435,084</b>	<b>\$ 169,075</b>	<b>\$ 4,299,917</b>	<b>\$ 4,053,866</b>	<b>\$ (177,029)</b>	<b>84%</b>	<b>111%</b>

Note: Billed Invoices MWH Laboratory Invoices paid directly by Watermaster.

11/15/2017--9:18 AM  
2017-18CBWM\_Invoice\_Summary\_ISBM\_20171011ECAC--Projection Summary



Watermaster does not plan to present any Budget Transfers or Budget Amendments at this time.

The Fiscal Year 2017/18 Progress and Estimated Cost at Completion for the Period July 1, 2017 through September 30, 2017 report from Wildermuth Environmental, Inc. is provided. Please access this link:

<https://cbwm.syncedtool.com/shares/file/0e803abbb2f7e4/>

The second ECAC report is scheduled to be issued in mid-February 2018 for the period July 1, 2017 through December 31, 2017.

July 2017:

The breakdown of the total Task Order amount of \$3,683,730 includes direct labor costs for Wildermuth Environmental, Inc. (55.9%) along with other direct charges such as equipment rental, laboratory fees,

travel costs, reproduction costs, and outside professional services (44.1%).

The approved "Original" Engineering Services budget of \$3,683,730 was increased by "Carry Over" funding in the amount of \$193,107 to the "Amended" amount of \$3,876,837 for FY 2017/18 as provided in the Engineering Services Task Order. All of the "Carry Over" funding is for projects or activities that have bridged previous fiscal years and are expected to be completed in the FY 2017/18 timeframe or future years. The Carry-Over amount of \$193,107 from FY 2016/17 to the FY 2017/18 budget are provided in detail as follows:

1. 7107.2 Ground-Level – Engineering Services of \$20,702. This budget was for work to identify and install a new horizontal extensometer in the Managed Area. This work was not performed in FY 2016/17 because the GLMC did not recommend the installation of a horizontal extensometer as of yet, and may not recommend the installation in FY 2017/18. The budget is recommended to be carried over because the GLMC may recommend the use of this budget in FY 2017/18 to install additional benchmark monuments across the historical fissure zone for monitoring of ground motion via traditional leveling surveys and electronic distance measurements.
2. 7107.6 Ground-Level – Contract Services of \$24,196. This budget was for Outside Professional services to assist with identifying and installing a new horizontal extensometer in the Managed Area. This work was not performed in FY 2016/17 because the GLMC did not recommend the installation of a horizontal extensometer as of yet, and may not recommend the installation in FY 2017/18. The budget is recommended to be carried over because the GLMC may recommend the use of this budget in FY 2017/18 to install additional benchmark monuments across the historical fissure zone for monitoring of ground motion via traditional leveling surveys and electronic distance measurements.
3. 7108.31 HCMP – Engineering Services for \$6,000. This carryover budget is for finalizing the 2016 Annual Report of the PBHSC, including responding to comments from the state and federal Fish and Wildlife departments.
4. 7402.1 OBMP Engineering Services Northwest MZ-1 for \$142,209. This carryover budget is for work not performed in FY 2016/17 including: (i) finalizing the Categorical Exemption for the Pomona Extensometer to comply with CEQA; (ii) support for preparation of the bid package for selection of the drilling contractor; (iii) support for the bid and contractor selection; (iv) updating the SCADA systems for MVWD and City of Pomona to collect high-resolution production and water-level data; and (v) finalizing the reports on the hydrogeology of the Northwest MZ-1 Area and the modeling of subsidence management alternatives. All of this work will be completed in FY 2017/18.

## PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

### Ongoing Costs

Program costs that are ongoing (Ongoing Costs) will be cost-shared between Watermaster and IEUA, split on a 50/50 basis, subject to the following limitation: in each fiscal year, neither Watermaster nor IEUA shall be obligated to reimburse the other for Ongoing Costs that exceed the amount that the reimbursing party has budgeted for Ongoing Costs in that fiscal year, except as agreed upon by both parties in writing or as amended during the fiscal year. The first year expenses (FY 2016/17) to be cost shared is approximately \$300,000, with projected future years (FY 2017/18 and forward) estimated at approximately \$150,000. For the purposes of the agreement, Ongoing Costs are defined as the costs associated with the following Program activities:

1. A Riparian Habitat Monitoring Program, including, but not limited to, the following sub-tasks:
  - a. Design and implement a site-specific vegetation monitoring program with the United States Bureau of Reclamation (USBR) and Orange County Water District, pursuant to which USBR will perform site-specific vegetation surveys.
  - b. Manage and perform custom flight to collect a high resolution air photo of the Prado Basin Region.

- c. Collect, check, and upload historical air photos and vegetation survey data in the Prado Basin region.
  - d. Collect, check, and upload historical Landsat data in the Prado Basin region.
2. A Climate Monitoring Program, including, but not limited to, the following sub-task:
    - a. Collect, check, and upload climatic data on an annual basis
  3. Preparation of the AMP Annual Report (Annual Report), including, but not limited to, the following sub-tasks:
    - a. Water level monitoring, vegetation survey, photo monitoring, landsat data, climate data and analysis of the components.
    - b. Analyze data and prepare an administrative draft of the Annual Report for Watermaster/IEUA.
    - c. Incorporate the Watermaster and IEUA comments and prepare a draft Annual Report for review by the PBHSC.
    - d. Meet with PBHSC to review draft Annual Report.
    - e. Incorporate PBHSC comments and finalize the Annual Report.
  4. Annual license fees for monitoring wells.
  5. Project management and administration activities associated with the Program undertaken by a Party's consultant, including, but not limited to, the following sub-tasks:
    - a. Ad-Hoc Meetings
    - b. Preparation of scope and budget for the Program
    - c. Project administration and financial reporting
  6. Other costs required to fulfill the requirements of Peace II Subsequent EIR mitigation measure 4.4-3.

Watermaster shall be responsible for the costs associated with the Groundwater Level Monitoring Program, Groundwater Quality Monitoring Program, and Surface Water Monitoring Program.

Watermaster and IEUA shall each have responsibility for its own administrative costs, excluding the tasks and expenses included under Set-Up Costs and Ongoing Costs.

Watermaster and IEUA will meet to review the cost-sharing structure under this agreement and negotiate necessary adjustments in good faith on at least an annual basis.

The Peace II SEIR does not explicitly state a duration for the monitoring and mitigation program. It is logical to assume that the program will last until the drawdown impacts, if any, on the riparian habitat from Peace II activities are fully manifested and not predicated to worsen, and that mitigation measures, if any are required, are fully implemented. This is not a perpetual agreement. Upon termination of the monitoring and any necessary mitigation obligations, the parties may elect to terminate the cost share agreement.

	Wildermuth Environmental, Inc.	50% Billing "TO" IEUA	50% Billing "FROM" IEUA	Costs For Watermaster
Jul. 2017 - May 2018	\$ 166,642.55	\$ (83,321.26)	\$ -	\$ 83,321.30
<b>Totals</b>	<b>\$ 166,642.55</b>	<b>\$ (83,321.26)</b>	<b>\$ -</b>	<b>\$ 83,321.30</b>
	7108.31	7108.31	7108.31	
<b>Maximum Costs</b>	<b>\$ 161,860.00</b>	<b>\$ 80,930.00</b>	<b>\$ 80,930.00</b>	<b>\$ 80,930.00</b>

PREVIOUSLY REPORTED ACTIONS (Descending Order)

July 2017:

**Start-up Costs**

The Prado Basin Habitat Sustainability Program came about as a result of the Peace II Agreement SEIR mitigation measure 4.4-3 and was adopted by IEUA's Board in October, 2010. The purpose of the mitigation measure was to ensure that the Prado Basin riparian habitat was not impacted by Hydraulic Control. The basic program tasks were to convene a committee that would develop this adaptive management plan, to install necessary monitoring wells, to complete vegetation and aerial surveys, and to implement photo station monitoring. In terms of the financial aspects of this program, there was a cost sharing agreement, which was approved by the Watermaster Board in September, 2012 for a total budget of \$440,000. The cost sharing agreement between IEUA and Watermaster was increased from \$220,000 to \$300,000 effective August 22, 2013 with the approval of the Watermaster Board. The increase from \$220,000 to \$300,000 was to reflect a change in the consultant preparing the Adaptive Management Plan. On August 25, 2016, the cost sharing agreement between IEUA and Watermaster was increased from \$300,000 to \$385,000 ( $\$770,000 \times 50\% = \$385,000$ ) with the approval of the Watermaster Board. A number of issues associated with the drilling of the monitoring wells (unavailable locations requiring negotiation of new easements, nesting season limitations, etc.), increased the cost of the construction of the 16 wells. The majority of the additional costs were due to extended construction management, additional easement fees, and environmental reporting for the pre- and during construction time period. The associated increase in cost was \$170,000, changing the total amount from \$600,000 to \$770,000.

The agreement was a 50/50 cost sharing agreement between Watermaster and IEUA with a not to exceed amount of \$385,000 for each party. Included in that cost was hiring a consultant to develop the adaptive management plan, WEI performing the project management tasks related to the monitoring well installation, hiring a contractor to construct and install up to seventeen monitoring wells at nine separate sites, and United States Bureau of Reclamation performing vegetation monitoring every three years. Grants had been applied for to offset the cost of this program; however, the Grants were not approved.

The information listed below is provided for the period of May 1, 2012 through June 30, 2017.

	<b>Actual (Program Costs)</b>
Adaptive Management Plan (AMP) - RBF	\$ 123,030.00
Monitoring Wells	\$ 166,326.66
WEI - Field Service	\$ 326,119.00
Tom Dodson - Initial Enviro	\$ 13,500.00
ESA - Enviro Reporting	\$ 39,328.79
Easements and Fees	\$ 65,465.06
IEUA - Contract CM labor	\$ 11,409.00
USBR Vegetation Survey	\$ 20,000.00
Annual Permit Fees	\$ 2,469.44
<b>Grand Total</b>	<b>\$ 767,647.95</b>
<b>50/50 Share</b>	<b>\$ 383,823.98</b>
<b>Amount Paid by IEUA</b>	<b>\$ 383,823.98</b>
<b>Amount Paid by CBWM</b>	<b>\$ 383,823.98</b>
<b>Grand Total Paid</b>	<b>\$ 767,647.95</b>

OTHER INCOME AND EXPENSE

There were no other significant items to report within the category of Other Income and Expenses for the month ending May 31, 2018.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

January 2018:

During the month of January 2018, Chino Basin Watermaster received an invoice from IEUA in the amount of \$763,169.40 for the purchase of 1,145.900 AF of untreated water. The purchase consisted of Cumulative Unmet Replenishment Obligation (CURO) purchases of 967.691 AF and Desalter Replenishment Obligation (DRO) purchases of 178.209 AF. The total purchase of 1,145.900 AF at an AF cost of \$666 (1,145.900 AF X \$666 = \$763,169.40). The amount of \$763,169.40 has been recorded to Groundwater Replenishment expense (5010).

August 2017:

Per section VI.D.3 of the Groundwater Storage Program Funding Agreement No. 49960 in the Chino Basin with The Metropolitan Water District of Southern California, the FY 2017/18 annual administrative fee invoice was issued on July 6, 2017 in the amount of \$163,621.82 under invoice number DYY 17-01. Payment in the amount of \$163,621.82 was received and deposited on August 7, 2017.

The three contributions of \$10,000 each (totaling \$30,000) to update the Blomquist Report were invoiced in July 2017 and all three payments have been received from Three Valleys Municipal Water District, Western Municipal Water District, and Inland Empire Utilities Agency.

“CARRY OVER” FUNDING

BACKGROUND OF “CARRY OVER” FUNDING

Once the FY 2016/17 period as of June 30, 2017 was closed, the amount of unfinished capital projects and related engineering costs was calculated and the “Carry Over” funding amount was added to the current FY 2017/18 budget. The Total “Carry Over” funding amount of \$4,119,779.24 was posted to the accounts as of July 1, 2017. The total amount of \$4,119,779.24 consisted of \$3,926,672.24 from Capital Improvement Projects and \$193,107 from Engineering Services.

CURRENT MONTH – MAY 2018

As of May 31, 2018, the total (YTD) amount remaining of the “Carried Over” funding is \$3,087,298.72 (\$4,119,779.24 - \$1,032,480.52 = \$3,087,298.72).

The following details are provided:

"Carried Over" Expenses At June 30, 2017

			GL Account		
Ground Level - Engineering Services	\$ 20,702.00	A	7107.2 <sup>2</sup>	FY 2016/17	ENG
Ground Level - Contract Services	\$ 24,196.00	B	7107.6 <sup>3</sup>	FY 2016/17	ENG
Hydraulic Control Engineering - PBHSP	\$ 6,000.00	C	7108.31 <sup>4</sup>	FY 2016/17	ENG
PE4 - Northwest MZ-1 Area Project	\$ 142,209.00	D	7402.1 <sup>5</sup>	FY 2016/17	ENG
Jurupa Pumping Station (TO #5)	\$ 37,981.33	E	7209.1 <sup>1</sup>	FY 2013/14	PROJ
Wineville Basin Proof of Concept (TO #6)	\$ 35,397.53	F	7209.2 <sup>1</sup>	FY 2013/14	PROJ
RMPU Amendment (TO #1)	\$ 1,205,263.30	G	7690.15	FY 2016/17	PROJ
East Declaz Basin (TO #1)	\$ 1,171.33	H	7690.16 <sup>1</sup>	FY 2016/17	PROJ
Hickory Basin Recharge Improvement Project	\$ 3,877.00	I	7690.3 <sup>1</sup>	FY 2013/14	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 125,851.95	J	7690.4	FY 2014/15	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,126,900.00	J	7690.4	FY 2015/16	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ 1,065,600.00	J	7690.4	FY 2016/17	PROJ
CB20 Turnout Noise Abatement Project	\$ 859.80	K	7690.5 <sup>1</sup>	FY 2013/14	PROJ
GWR SCADA Upgrades (TO #4)	\$ 134,615.86	L	7690.61	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ 38,675.00	L	7690.61	FY 2015/16	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 32,836.88	M	7690.7	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ 5,000.00	M	7690.7	FY 2015/16	PROJ
Lower Day Basin RMPU (TO #2)	\$ 112,642.26	N	7690.8	FY 2016/17	PROJ
<b>Total Balance, June 30, 2017</b>	<b>\$ 4,119,779.24</b>				

"Carried Over" Balance, July 1, 2017 \$ 4,119,779.24

Less: (Invoices Received To Date FY 2017/18)

Ground Level - Engineering Services	\$ (20,702.00)	A	7107.2 <sup>2</sup>	FY 2016/17	ENG
Ground Level - Contract Services	\$ (24,196.00)	B	7107.6 <sup>3</sup>	FY 2016/17	ENG
Hydraulic Control Engineering - PBHSP	\$ (6,000.00)	C	7108.31 <sup>4</sup>	FY 2016/17	ENG
PE4 - Northwest MZ-1 Area Project	\$ (123,851.10)	D	7402.1 <sup>5</sup>	FY 2016/17	ENG
RMPU Amendment (TO #1)	\$ (615,340.12)	G	7690.15	FY 2016/17	PROJ
San Sevaine Recharge Improvement Project (TO #8)	\$ (19,261.77)	J	7690.4	FY 2014/15	PROJ
GWR SCADA Upgrades (TO #4)	\$ (98,000.81)	L	7690.61	FY 2014/15	PROJ
Upper Santa Ana River HCP (TO #7)	\$ (17,774.00)	M	7690.7	FY 2014/15	PROJ
Lower Day Basin RMPU (TO #2)	\$ (107,354.72)	N	7690.8	FY 2016/17	PROJ
<b>Updated Balance as of May 31, 2018</b>	<b>\$ 3,087,298.72</b>				

<sup>1</sup> Project completed and funds are available for reallocation to another project, distribution to Appropriative Pool, or maintain as extra funding

<sup>2</sup> Work to identify and install a new horizontal extensometer in the Managed Area

<sup>3</sup> Outside Professional services to assist with identifying and installing a new horizontal extensometer in the Managed Area

<sup>4</sup> Finalizing the 2016 Annual Report of the PBHSC, including responding to comments from the state/federal Fish and Wildlife departments

<sup>5</sup> For work not performed in FY 2016/17 related to the Northwest MZ-1 horizontal extensometer

**ENGINEERING SERVICES:**

Unspent funds related to ongoing projects and associated activities from the Engineering Services budget from FY 2016/17 in several accounts totaling \$193,107 were "Carried Over" into the current FY 2017/18 budget. These funds were from the Ground Level - Engineering Services [A] in the amount of \$20,702 in account (7107.2); Ground Level - Contract Services [B] in the amount of \$24,196 in account (7107.6); Hydraulic Control-Engineering - PBHSP [C] in the amount of \$6,000 in account (7108.31); and PE4-Northwest MZ-1 Area Project [D] in the amount of \$142,209 in account (7402.10).

COMPLETED PROJECTS WITH FUNDING AVAILABLE:

Several projects were completed during FY 2016/17 or in prior years and have remaining funds available to be either (1) transferred to other project(s) that need additional funding, (2) keep amounts on reserve for future Capital Improvement Projects, or (3) refunded back to the Appropriative Pool when the Assessment package is invoiced. The funding amounts available are as follows: Jurupa Pumping Station [E] in the amount of \$37,981.33 (account 7209.1); Wineville Basin Proof of Concept [F] in the amount of \$35,397.53 (account 7209.2); East Declaz Basin [H] in the amount of \$1,171.33 (account 7690.16); Hickory Basin Recharge Improvement Project [I] in the amount of \$3,877.00 (account 7690.3); and CB20 Turnout Noise Abatement Project [K] in the amount of \$859.80 (account 7690.5). The total amount available is \$79,286.99 ( $\$37,981.33 + \$35,397.53 + \$1,171.33 + \$3,877.00 + \$859.80 = \$79,286.99$ ).

ONGOING RECHARGE IMPROVEMENT PROJECTS:

The RMPU Amendment-Task Order #1 [G] has a remaining budget from FY 2016/17 of \$1,205,263.30 in account (7690.15); the San Sevaine Recharge Improvement Project-Task Order #8 [J] has a remaining funded budget balance of \$2,318,351.95 in account (7690.4); the GWR SCADA Upgrades-Task Order #4 [L] has a remaining funded budget balance of \$173,290.86 in account (7690.61); the Upper Santa Ana River HCP-Task Order #7 [M] has a remaining funded balance of \$37,836.88 in account (7690.7); and the Lower Day Basin RMPU-Task Order #2 [N] has a remaining funded budget balance of \$112,642.26 in account (7690.8). The total funded budget for these combined projects is \$3,847,385.25.

As invoices are received from the vendors and booked against these items listed above, the "Carried Over" balance will be reduced throughout the current fiscal year. At June 30, 2018, any remaining balances of the FY 2017/18 and prior years funding (if any), along with any new FY 2017/18 expenses, will then be "Carried Over" into the FY 2018/19 budget.

AUDIT FIELD WORK

FY 2017/18:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 17, 2018. This was the start of the interim field work for the period of July 1, 2017 through February 28, 2018. The final field work for the period of March 1, 2018 through June 30, 2018 is planned for August 7, 2018 through August 8, 2018, with the Annual Financial and Audit Reports presented to the Watermaster Board by Fedak & Brown LLP at the November 15, 2018 Board meeting. The Annual Financial and Audit Reports for FY 2017/18 are anticipated to be posted to the Watermaster website no later than December 15, 2018.

FY 2016/17:

The auditors from the audit firm of Fedak & Brown LLP were onsite at the Watermaster offices on April 5, 2017 through April 6, 2017. This was the start of the interim field work for the period of July 1, 2016 through February 28, 2017. The final field work for the period of March 1, 2017 through June 30, 2017 was completed during August 14, 2017 through August 16, 2017. The Annual Financial and Audit Reports were presented to the Watermaster Board by Fedak & Brown LLP at the November 16, 2017 Board meeting. At the November 16, 2017 Board meeting, the Board unanimously approved to receive and file the audit reports. The Annual Financial and Audit Reports for FY 2016/17 were posted to the Watermaster website on November 17, 2017.

ASSESSMENT INVOICING

CURRENT MONTH – MAY 2018

To date, all assessment invoice payments have been received. No Assessment activity for the month to report.

PREVIOUSLY REPORTED ACTIONS (Descending Order)

December 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 16, 2017. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 18, 2017. As in prior years, payments could be made by either check or wire transfer. As of December 18, 2017 at 5:00pm, all but two payments had been received. The two late payments were both received on December 21, 2017. On December 22, 2017 the late fees totaling \$47.34 (\$39.90 and \$7.44) were invoiced. Both late fee payments have been received as of January 26, 2018.

November 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 16, 2017. The Assessment invoices were due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business at 5:00pm on Monday, December 18, 2017. As in prior years, payments could be made by either check or wire transfer. As of December 18, 2017 at 5:00pm, all but two payments had been received. The two late payments were both received on December 21, 2017. On December 22, 2017 the late fees totaling \$47.34 (\$39.90 and \$7.44) were invoiced.

October 2017:

The Watermaster Board approved the FY 2017-2018 Assessment Package (Production Year 2016-2017) at the November 16, 2017 meeting. Watermaster staff created and emailed the Assessment invoices on Thursday, November 16, 2017. The Assessment invoices are due 30 days from invoice date, with all payments to be received by Watermaster on or before the close of business Monday, December 18, 2017. As in prior years, payments can be made by either check or wire transfer.

This year's Assessment invoicing included the standard Assessment amounts per the Assessment Package, along with any Special Assessments and the "Excess Cash Reserve" refund credits. The Appropriative Pool had a Special Assessment of \$75,000 as approved during the budgeting process. The \$75,000 was allocated to the Appropriative Pool members based upon a prorated formula of 50% Operating Safe Yield (OSY) and 50% physical production numbers from FY 2016/17.

The Non-Agricultural Pool had a Special Assessment of \$60,000 as approved during a Confidential Session on April 13, 2017. The \$60,000 was allocated to the Non-Agricultural Pool members based upon the actual production numbers from 2016/17.

For this fiscal year, there were no refunds due regarding the Excess Cash Reserve refunds to the Appropriative Pool members and the Non-Agricultural Pool members. The Excess Cash Reserve-Recharge Debt Payment refund of \$78,397 was refunded to the Appropriative Pool members based upon the pro rata share of FY 2016/17 Recharge Debt Assessments paid. The refunds were applied as credits on the Assessment invoices and allocated based upon last year's percentage of assessments paid.

Also please note that the Recharge Improvement Project budget of \$2,839,000 was not part of the assessment invoicing. Watermaster did not invoice for the recharge improvement project assessment of \$2,839,000 at this time, because it appears there is a good probability that State Revolving Fund loan monies would be made available before the money was spent by IEUA. In case there is need to pay IEUA for project expenses before loans are secured, a special assessment would be recommended.

September 2017:

The Assessment Year 2017-2018 Package (Production Year 2016-2017) is scheduled for presentation to the Appropriative Pool and Non-Agricultural Pool at the November 9, 2017 meetings; the Agricultural Pool on November 13, 2017; and approval by the Advisory Committee and adoption by the Watermaster Board at the November 16, 2017 meetings.

Once the Watermaster Board adopts the Assessment Package, Watermaster staff intends to create and email the Assessment invoices on Friday, November 17, 2017. The Assessment invoices are due 30

days from invoice date, with all payments to be received by Watermaster on or before the close of business Monday, December 18, 2017. As in prior years, payments can be made by either check or wire transfer

ATTACHMENTS

1. Financial Report - B5

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	1/12th (8.33%) of the Total Budget				10/12th (83.34%) of the Total Budget				100% of the Total Budget			
	For The Month of May 2018				Year-To-Date as of May 31, 2018				Fiscal Year End as of June 30, 2018			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
<b>Income</b>												
4010 · Local Agency Subsidies	0.00	0.00	0.00	0.0%	193,621.82	191,626.00	1,995.82	101.04%	193,621.82	191,626.00	1,995.82	101.04%
4110 · Admin Asmnts-Approp Pool	0.00	0.00	0.00	0.0%	8,407,583.88	11,279,242.00	-2,871,658.12	74.54%	8,407,538.88	11,279,242.00	-2,871,703.12	74.54%
4120 · Admin Asmnts-Non-Agri Pool	0.00	0.00	0.00	0.0%	360,242.82	327,924.00	32,318.82	109.86%	360,242.82	327,924.00	32,318.82	109.86%
4700 · Non Operating Revenues	6.06	0.00	6.06	100.0%	103,600.71	27,935.00	75,665.71	370.86%	148,088.48	39,906.00	108,182.48	371.09%
4900 · Miscellaneous Income	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
<b>Total Income</b>	<b>6.06</b>	<b>0.00</b>	<b>6.06</b>	<b>100.0%</b>	<b>9,065,049.23</b>	<b>11,826,727.00</b>	<b>-2,761,677.77</b>	<b>76.65%</b>	<b>9,109,492.00</b>	<b>11,838,698.00</b>	<b>-2,729,206.00</b>	<b>76.95%</b>
<b>Gross Profit</b>	<b>6.06</b>	<b>0.00</b>	<b>6.06</b>	<b>100.0%</b>	<b>9,065,049.23</b>	<b>11,826,727.00</b>	<b>-2,761,677.77</b>	<b>76.65%</b>	<b>9,109,492.00</b>	<b>11,838,698.00</b>	<b>-2,729,206.00</b>	<b>76.95%</b>
<b>Expense</b>												
6010 · Admin. Salary/Benefit Costs	88,841.47	89,586.00	-744.53	99.17%	978,734.89	940,411.00	38,323.89	104.08%	1,087,811.36	1,022,564.00	65,247.36	106.38%
6020 · Office Building Expense	8,391.63	9,024.00	-632.37	92.99%	94,263.90	103,140.00	-8,876.10	91.39%	104,044.25	112,914.00	-8,869.75	92.15%
6030 · Office Supplies & Equip.	1,637.08	2,000.00	-362.92	81.85%	18,799.38	24,125.00	-5,325.62	77.93%	23,634.32	26,500.00	-2,865.68	89.19%
6040 · Postage & Printing Costs	2,602.76	3,054.00	-451.24	85.23%	34,732.95	42,639.00	-7,906.05	81.46%	43,830.95	45,693.00	-1,862.05	95.93%
6050 · Information Services	12,457.07	13,896.00	-1,438.93	89.65%	136,226.86	142,621.00	-6,394.14	95.52%	152,072.29	152,912.00	-839.71	99.45%
6060 · Contract Services	21,810.63	7,800.00	14,010.63	279.62%	72,895.01	60,200.00	12,695.01	121.09%	67,524.67	68,000.00	-475.33	99.3%
6070 · Watermaster Legal Services	50,615.23	11,325.00	39,290.23	446.93%	382,091.05	164,750.00	217,341.05	231.92%	356,050.08	176,075.00	179,975.08	202.22%
6080 · Insurance	0.00	0.00	0.00	0.0%	25,564.11	29,768.00	-4,203.89	85.88%	28,064.11	29,768.00	-1,703.89	94.28%
6110 · Dues and Subscriptions	180.00	0.00	180.00	100.0%	24,861.39	24,885.00	-23.61	99.91%	24,681.39	24,885.00	-203.61	99.18%
6140 · WM Admin Expenses	105.44	0.00	105.44	100.0%	1,566.41	1,975.00	-408.59	79.31%	1,947.96	2,350.00	-402.04	82.89%
6150 · Field Supplies	0.00	0.00	0.00	0.0%	242.67	1,450.00	-1,207.33	16.74%	1,300.00	1,450.00	-150.00	89.66%
6170 · Travel & Transportation	1,806.85	1,300.00	506.85	138.99%	16,059.22	45,939.00	-29,879.78	34.96%	16,579.41	47,469.00	-30,889.59	34.93%
6190 · Training, Conferences, Seminars	2,353.44	3,854.00	-1,500.56	61.07%	31,524.14	35,074.00	-3,549.86	89.88%	34,634.24	37,428.00	-2,793.76	92.54%
6200 · Advisory Comm - WM Board	2,740.22	4,011.00	-1,270.78	68.32%	28,991.44	40,212.00	-11,220.56	72.1%	33,644.97	43,908.00	-10,263.03	76.63%
6300 · Watermaster Board Expenses	15,440.53	13,244.00	2,196.53	116.59%	126,520.10	162,593.00	-36,072.90	77.81%	138,233.95	175,546.00	-37,312.05	78.75%
8300 · Appr PI-WM & Pool Admin	13,131.76	11,919.00	1,212.76	110.18%	103,636.97	126,109.00	-22,472.03	82.18%	118,617.20	137,642.00	-19,024.80	86.18%
8400 · Agri Pool-WM & Pool Admin	4,852.50	5,491.00	-638.50	88.37%	36,461.20	55,717.00	-19,255.80	65.44%	42,016.21	60,903.00	-18,886.79	68.99%
8467 · Ag Legal & Technical Services	28,862.50	17,083.00	11,779.50	168.96%	286,907.50	187,917.00	98,990.50	152.68%	308,243.33	205,000.00	103,243.33	150.36%
8470 · Ag Meeting Attend -Special	825.00	1,850.00	-1,025.00	44.6%	11,675.00	20,350.00	-8,675.00	57.37%	12,766.67	22,200.00	-9,433.33	57.51%
8471 · Ag Pool Expense	0.00	0.00	0.00	0.0%	11,153.00	85,000.00	-73,847.00	13.12%	14,870.67	85,000.00	-70,129.33	17.5%
8485 · Ag Pool - Misc. Exp. - Ag Fund	0.00	100.00	-100.00	0.0%	57.02	400.00	-342.98	14.26%	207.02	400.00	-192.98	51.76%
8500 · Non-Ag PI-WM & Pool Admin	8,688.90	9,355.00	-666.10	92.88%	81,044.54	99,302.00	-18,257.46	81.61%	95,384.07	108,507.00	-13,122.93	87.91%
9400 · Depreciation Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9500 · Allocated G&A Expenditures	-22,844.57	-33,635.00	10,790.43	67.92%	-179,617.73	-369,980.00	190,362.27	48.55%	-182,175.35	-403,615.00	221,439.65	45.14%
6900 · Optimum Basin Mgmt Plan	72,049.98	104,686.67	-32,636.69	68.82%	1,007,052.01	1,180,864.33	-173,812.32	85.28%	1,178,231.04	1,284,844.00	-106,612.96	91.7%
9501 · G&A Expenses Allocated-OBMP	1,611.91	7,025.00	-5,413.09	22.95%	33,726.54	77,273.00	-43,546.46	43.65%	39,179.92	84,298.00	-45,118.08	46.48%
7101 · Production Monitoring	9,219.73	4,839.00	4,380.73	190.53%	64,710.46	50,319.00	14,391.46	128.6%	60,146.72	54,742.00	5,404.72	109.87%
7102 · In-line Meter Installation	180.66	3,668.00	-3,487.34	4.93%	1,400.79	60,913.00	-59,512.21	2.3%	25,949.15	68,072.00	-42,122.85	38.12%
7103 · Grdwtr Quality Monitoring	16,398.36	21,567.00	-5,168.64	76.03%	241,453.87	292,910.00	-51,456.13	82.43%	280,087.12	314,051.00	-33,963.88	89.19%
7104 · Gdwtr Level Monitoring	22,271.99	25,816.00	-3,544.01	86.27%	268,612.57	281,812.00	-13,199.43	95.32%	302,166.87	307,320.00	-5,153.13	98.32%
7105 · Sur Wtr Qual Monitoring	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7106 · Wtr Level Sensors Installation	399.02	0.00	399.02	100.0%	399.02	0.00	399.02	100.0%	0.00	0.00	0.00	0.0%
7107 · Ground Level Monitoring	94,450.80	18,268.00	76,182.80	517.03%	294,306.48	385,360.00	-91,053.52	76.37%	233,728.39	403,627.00	-169,898.61	57.91%

PG 3

	1/12th (8.33%) of the Total Budget				10/12th (83.34%) of the Total Budget				100% of the Total Budget			
	For The Month of May 2018				Year-To-Date as of May 31, 2018				Fiscal Year End as of June 30, 2018			
	Actual	Budget	\$ Over(Under)	% of Budget	Actual	Budget	\$ Over(Under)	% of Budget	Projected	Budget	\$ Over(Under)	% of Budget
7108 · Hydraulic Control Monitoring	4,506.82	9,924.00	-5,417.18	45.41%	108,681.55	108,652.00	29.55	100.03%	118,225.71	118,504.00	-278.29	99.77%
7109 · Recharge & Well Monitoring Prog	4,040.10	1,948.00	2,092.10	207.4%	20,359.20	21,429.00	-1,069.80	95.01%	18,383.47	23,377.00	-4,993.53	78.64%
7200 · PE2- Comp Recharge Pgm	10,277.94	22,067.00	-11,789.06	46.58%	1,008,247.16	1,376,128.86	-367,881.70	73.27%	1,239,571.88	1,397,464.86	-157,892.98	88.7%
7300 · PE3&5-Water Supply/Desalte	0.00	2,803.00	-2,803.00	0.0%	0.00	29,977.00	-29,977.00	0.0%	25,000.00	32,657.00	-7,657.00	76.55%
7400 · PE4- Mgmt Plan	22,200.90	136,825.00	-114,624.10	16.23%	218,779.97	1,648,570.00	-1,429,790.03	13.27%	1,737,339.03	1,785,322.00	-47,982.97	97.31%
7500 · PE6&7-CoopEfforts/SaltMgmt	21,462.41	16,470.00	4,992.41	130.31%	201,629.38	198,624.00	3,005.38	101.51%	214,085.95	215,016.00	-930.05	99.57%
7600 · PE8&9-StorageMgmt/Conj Use	36,130.71	4,245.00	31,885.71	851.14%	491,968.82	546,536.00	-54,567.18	90.02%	550,247.48	550,414.00	-166.52	99.97%
7690 · Recharge Improvement Debt Pymt	459,262.50	0.00	459,262.50	100.0%	1,315,374.92	7,207,668.38	-5,892,293.46	18.25%	4,368,668.38	7,207,668.38	-2,839,000.00	60.61%
7700 · Inactive Well Protection Prgm	0.00	42.00	-42.00	0.0%	0.00	458.00	-458.00	0.0%	350.00	500.00	-150.00	70.0%
9502 · G&A Expenses Allocated-Projects	21,232.66	26,610.00	-5,377.34	79.79%	145,891.19	292,707.00	-146,815.81	49.84%	142,995.43	319,317.00	-176,321.57	44.78%
<b>Total Expense</b>	<b>1,038,194.93</b>	<b>578,060.67</b>	<b>460,134.26</b>	<b>179.6%</b>	<b>7,746,984.95</b>	<b>15,784,798.57</b>	<b>-8,037,813.62</b>	<b>49.08%</b>	<b>13,058,340.29</b>	<b>16,350,693.24</b>	<b>-3,292,352.95</b>	<b>79.86%</b>
<b>Net Ordinary Income</b>	<b>-1,038,188.87</b>	<b>-578,060.67</b>	<b>-460,128.20</b>	<b>179.6%</b>	<b>1,318,064.28</b>	<b>-3,958,071.57</b>	<b>5,276,135.85</b>	<b>-33.3%</b>	<b>-3,948,848.29</b>	<b>-4,511,995.24</b>	<b>563,146.95</b>	<b>87.52%</b>
<b>Other Income</b>												
4210 · Approp Pool-Replenishment	0.00	0.00	0.00	0.0%	851,066.34	0.00	851,066.34	100.0%	851,066.34	0.00	851,066.34	100.0%
4220 · Non-Ag Pool-Replenishment	0.00	0.00	0.00	0.0%	7,451.38	0.00	7,451.38	100.0%	7,451.38	0.00	7,451.38	100.0%
4225 · Interest Income	0.00	0.00	0.00	0.0%	2,258.82	0.00	2,258.82	100.0%	3,583.82	0.00	3,583.82	100.0%
4226 · LAIF Fair Market Value	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4600 · Groundwater Sales	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4715 · Gain on Sale of Assets	0.00	0.00	0.00	0.0%	1,700.00	0.00	1,700.00	100.0%	1,700.00	0.00	1,700.00	100.0%
<b>Total Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>862,476.54</b>	<b>0.00</b>	<b>862,476.54</b>	<b>100.0%</b>	<b>863,801.54</b>	<b>0.00</b>	<b>863,801.54</b>	<b>100.0%</b>
<b>Other Expense</b>												
5010 · Groundwater Replenishment	0.00	0.00	0.00	0.0%	763,169.40	0.00	763,169.40	100.0%	763,169.40	0.00	763,169.40	100.0%
5100 · Other Water Purchases	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9200 · Interest Expense	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9251 · Other Post Employment Benefits	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9996 · Refund-Excess Reserves-Approp.	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9997 · Refund-Excess Reserves-NonAg	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
9998 · Refund-Recharge Debt-Approp.	0.00	0.00	0.00	0.0%	78,397.00	0.00	78,397.00	100.0%	78,397.00	0.00	78,397.00	100.0%
9999 · To/(From) Reserves	0.00	0.00	0.00	0.0%	0.00	-392,216.00	392,216.00	0.0%	0.00	-392,216.00	392,216.00	0.0%
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>841,566.40</b>	<b>-392,216.00</b>	<b>1,233,782.40</b>	<b>-214.57%</b>	<b>841,566.40</b>	<b>-392,216.00</b>	<b>1,233,782.40</b>	<b>-214.57%</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>	<b>20,910.14</b>	<b>392,216.00</b>	<b>-371,305.86</b>	<b>5.33%</b>	<b>22,235.14</b>	<b>392,216.00</b>	<b>-369,980.86</b>	<b>5.67%</b>
<b>Net Income</b>	<b>-1,038,188.87</b>	<b>-578,060.67</b>	<b>-460,128.20</b>	<b>179.6%</b>	<b>1,338,974.42</b>	<b>-3,565,855.57</b>	<b>4,904,829.99</b>	<b>-37.55%</b>	<b>-3,926,613.15</b>	<b>-4,119,779.24</b>	<b>193,166.09</b>	<b>95.31%</b>

Note: Please see the staff report (Financial Report-B5) for additional detailed information on the account categories.

# **CHINO BASIN WATERMASTER**

## **I. CONSENT CALENDAR (App and Ag Pool)**

**C. APPLICATION FOR RECHARGE**

## **I. BUSINESS ITEMS – ROUTINE (Non-Ag Pool)**

**C. APPLICATION FOR RECHARGE**



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
Tel: 909.484.3888 Fax: 909.484.3890 www.cbwm.org

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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Application for Recharge - Fontana Water Company (Consent Item I.C.)

### SUMMARY

Issue: On June 7, 2018, Fontana Water Company submitted an Application for Recharge for up to 300.000 acre-feet to be recharged into the Vulcan Basin.

Recommendation: Recommend Advisory Committee to recommend to the Watermaster Board to approve Fontana Water Company's Application for Recharge and direct Watermaster staff to account for this supplemental water recharged in Fontana Water Company's existing Local Supplemental Storage account.

Financial Impact: None

### Future Consideration

**Appropriative Pool – July 19, 2018:** Recommend Advisory Committee to recommend to the Watermaster Board to approve  
**Non-Agricultural Pool – July 19, 2018:** Recommend Advisory Committee to recommend to the Watermaster Board to approve  
**Agricultural Pool – July 19, 2018:** Recommend Advisory Committee to recommend to the Watermaster Board to approve  
**Advisory Committee – August 16, 2018:** Recommend Board to approve  
**Watermaster Board – August 23, 2018:** Approval [Within WM Duties and Powers]

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### ACTIONS:

**Appropriative Pool – July 19, 2018:**  
**Non-Agricultural Pool – July 19, 2018:**  
**Agricultural Pool – July 19, 2018:**  
**Advisory Committee – August 16, 2018:**  
**Watermaster Board – August 23, 2018:**

## BACKGROUND

The Court approved the Peace Agreement, the OBMP Implementation Plan and the goals and objectives identified in the OBMP Phase I Report on July 13, 2000 and ordered Watermaster to proceed in a manner consistent with the Peace Agreement. Under the Peace Agreement, Watermaster approval is required for Applications to store, recapture, recharge or transfer water, as well as for Applications for credits or reimbursements and storage and recovery programs.

Where there is no Material Physical Injury, Watermaster must approve the application. Where the request for Watermaster approval is submitted by a Party to the Judgment, there is a rebuttable presumption that most of the proposed activities do not result in Material Physical Injury to a Party to the Judgment or the Basin (Storage and Recovery Programs do not have this presumption).

## DISCUSSION

On June 7, 2018, Fontana Water Company (FWC) submitted an Application for Recharge for up to 300 acre-feet, valid from September 1, 2018 and expiring September 1, 2019. The Application states that the method of recharge is percolation into the Vulcan basin (Attachment 1). The Application identifies the source of water to be treated Lytle Creek Surface Water, meaning, water from the Lytle creek water will be treated to potable standards at FWC's treatment plant and delivered through their distribution system. Attached to the Application is a Certificate of Analysis for the water quality (Attachment 2).

If approved, FWC intends recharge the water in to the Vulcan Basin as a test project to monitor and determine percolation rates of an existing basin not currently being utilized to recharge supplemental water within the Chino Basin. This recharge, consistent with that of other Parties that have submitted Applications for Recharge and that have Local Storage Agreements, will be placed in its Local Supplemental Storage account and will be tracked by Watermaster. Per the Peace II Agreement and the pending 2015 Safe Yield Reset Agreement before the Court, losses will be applied to all water placed into a Local Supplemental Storage Account in a manner consistent with all other water held in storage. The total volume held in local storage accounts is pending a future determination, and the recommendation as written is intended to be consistent with prior recharge and storage application recommendations.

FWC intends to use the captured water to offsets its overproduction within the current fiscal year. Wildermuth Environmental, Inc. (WEI) performed a Material Physical Injury analysis of the Application for Recharge. WEI prepared a letter, dated July 10, 2018, which states that there will be no Material Physical Injury from the proposed Application for the recharge of treated Lytle Creek Surface Water (Attachment 3). The letter states that Watermaster should require the Fontana Water Company to keep the recharge confined to a previously established one-acre area within the Vulcan Basin. FWC will also need to monitor the amount of water discharged to the Vulcan Basin, as well as sample and analyze the water quality at the point of delivery to the Vulcan Basin. These data should be provided to Watermaster as they are required for Watermaster accounting, regulatory reporting, and other groundwater management purposes.

## ATTACHMENTS

1. Form 2a: Application for Recharge
2. Weck Laboratories, Inc Certificate of Analysis, Title 22 Monitoring Report
3. July 10, 2018 letter from WEI to Watermaster: "Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, Submitted to the Chino Basin Watermaster on June 7, 2018

# FONTANA WATER COMPANY

A DIVISION OF SAN GABRIEL VALLEY WATER COMPANY

15966 ARROW ROUTE • P.O. BOX 987, FONTANA, CALIFORNIA 92334 • (909) 822-2201

June 7, 2018

Mr. Peter Kavounas  
General Manager  
Chino Basin Watermaster  
9641 San Bernardino Road  
Rancho Cucamonga, California 91730

Subject: Fiscal Year 2018/2019 Recharge Application - Fontana Water Company

Dear Mr. Kavounas:

Enclosed herewith is Fontana Water Company's Application for Recharge dated June 7, 2018.

In order to provide Fontana Water Company with the most flexibility to utilize its water supply assets, we respectfully request Watermaster to recharge supplemental water treated at Fontana Water Company's Sandhill Surface Water Treatment Plant (Sandhill) and delivered into the Chino Basin. The quantity of water recharged by Fontana Water Company may include up to 300 acre feet. This application to recharge water into the Vulcan Basin is intended to offset a portion of Fontana Water Company's over-production during the 2018-2019 fiscal year.

The supplemental water that Fontana Water Company is requesting to be recharged is currently treated at Fontana Water Company's Sandhill Treatment Plant. The water will be delivered through the company's distribution system to the recharge facility. The supplemental water is treated to potable standards and is not anticipated to pose any adverse impacts to existing water quality.

Please acknowledge receipt of this letter and enclosure by signing the enclosed copy. If you have any question or need additional information please contact me at (909) 201-7338.

Very truly yours,



Cristopher I. Fealy, P.E.  
Water Resources Manager

CIF:bf

Enclosure

ACKNOWLEDGEMENT

Receipt of this letter and enclosure  
is hereby acknowledged.

CHINO BASIN WATERMASTER

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Form 2a - Application for Supplemental Water Recharge

Applicant Information and Recharge Request			
Person	Fontana Water Company (FWC)	Date Requested	6/7/18
Contact (individual)	Cris Fealy	Date Approved	
Street Address	15966 Arrow Route	Proposed Period of Time Covered by	09/2018 to 09/2019
City	Fontana Water Comapny	Recharge Application (mm/yyyy to mm/yyyy)	
State	CA	Requested Total Amount of Recharge	up to 300
Zip Code	92335	Over the Application Period (AF)	
Telephone	909-822-2201	Approved Total Amount of Recharge	
Fax	909-823-5046	Over the Application Period (AF)	
Email	cifealy@fontanawater.com		

Source(s) of Supply (check box and provide supporting information)	
<input type="checkbox"/>	State Water Project
<input type="checkbox"/>	Colorado River Aqueduct
<input checked="" type="checkbox"/>	Local Supplemental (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary) <b>Treated Lytle Creek Water from Sandhill Treatment Plant (F14)</b>
<input type="checkbox"/>	Recycled Water (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)
<input type="checkbox"/>	Other (identify source and attach source water quality characterization including TDS and TN; use as many sheets as necessary)

Method of Recharge (check box and provide supporting information)	
<input checked="" type="checkbox"/>	Surface Spreading
	Recharge Basin Name(s) <b>Vulcan Basin</b>
	Expected Period of Recharge (mm/dd to mm/dd) <b>Varies</b>
	Depth to Water in Recharge Area (ft-bgs) <b>Unknown</b>
	Water Quality in Recharge Area (attach characterization) <b>Treated to Potable Standards.</b>
<input type="checkbox"/>	Injection
	Well Names and Locations (attach well completion report if not on file with the Watermaster)
	Expected Period of Recharge (mm/dd to mm/dd)
	Depth to Water in Recharge Area (ft-bgs)
	Water Quality in Recharge Area (attach characterization)
<input type="checkbox"/>	In-Lieu Exchange
	Treatment Plant and Turnout
	Share of Safe Yield (percent and AFY)
	Carryover Right, if Applicable (AF)
	Water in Storage (AF)
	Pumping Capacity (mgd or AFM)
	Expected Period of Recharge (mm/dd to mm/dd)
	Depth to Water in Area Impacted by In-Lieu Recharge (ft-bgs)
	Water Quality in Area Impacted by In-Lieu Recharge (attach characterization)

**Form 2a - Application for Supplemental Water Recharge**

**Material Physical Injury**

Is the applicant aware of any potential material physical injury to a Party to the Judgment or the Basin that may be caused by the action covered by the Application?

YES  NO

If yes what are the proposed mitigation measures, if any, that might reasonably be imposed to ensure that the action does not result in Material Physical Injury to a Party or the Basin (provide list of mitigation measures and rational either below or attach one to this application)

Fontana Water Company will utilize only the previously approved 1-acre recharge area to continue testing.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

BY: \_\_\_\_\_



Applicant

6/7/2018

Date

**To Be Completed by Watermaster**

Is the Person a Party to the Judgment that has:

Previously contributed to the implementation of the OBMP?

YES  NO

Is in compliance with their continuing covenants under the Peace Agreement?

YES  NO

(If answer to previous question is NO)

Paid or delivered to Watermaster "financial equivalent" consideration to offset the past performance prior to the OBMP implementation?

YES  NO

Promised continued future compliance with Watermaster Rules and Regulations?

YES  NO

Date of Approval from Appropriative Pool (mm/dd/yyyy) \_\_\_\_\_

Date of Approval from Overlying Non-Ag Pool (mm/dd/yyyy) \_\_\_\_\_

Date of Approval from Overlying Ag Pool (mm/dd/yyyy) \_\_\_\_\_

Hearing Date (if any) (mm/dd/yyyy) \_\_\_\_\_

Date of Approval by Advisory Committee (mm/dd/yyyy) \_\_\_\_\_

Date of Approval from Board (mm/dd/yyyy) \_\_\_\_\_

Recharge Agreement Number \_\_\_\_\_

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WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

Work Orders: 8A19068

Report Date: 2/12/2018

Project: Title 22 Monitoring

Received Date: 1/19/2018

Turnaround Time: Normal

Phones: (909) 201-7331

Fax: (626) 582-1571

Attn: John Catone

P.O. #:

Client: San Gabriel Valley Water Company - Fontana  
P. O. Box 6010  
El Monte, CA 91734

Billing Code:

Dear John Catone :

Enclosed are the results of analyses for samples received 1/19/2018 with the Chain-of-Custody document. The samples were received in good condition, at 2.5 °C and on ice. All analysis met the method criteria except as noted in the case narrative or in the report with data qualifiers.

## Sample Results

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: _Various	Batch ID: [CALC]	Instr: [CALC]	Prepared: 01/24/18 08:00			Analyst: dil	
Total Anions	4		0.070	meq/l	1	01/20/18 17:59	
Total Cations	3.9		0.038	meq/l	1	01/24/18 16:24	
Total hardness as CaCO3	124		0.662	mg/l	1	01/24/18 16:24	
Method: AWWA	Batch ID: W8A1506	Instr: Inst	Prepared: 01/25/18 10:38			Analyst: jck	
Aggressive Index	12.1			N/A	1	01/25/18 10:42	
Method: EPA 140.1	Batch ID: W8A1222	Instr: WB05	Prepared: 01/19/18 17:22			Analyst: mnq	
Threshold Odor Number	1.0		1.0	T.O.N.	1	01/19/18 18:03	
Method: EPA 1613B	Batch ID: W8A1648	Instr: GCMS15	Prepared: 01/29/18 09:04			Analyst: EFC	
2,3,7,8-TCDD (Dioxin)	ND		5.00	pg/l	1	02/06/18 22:04	
Method: EPA 180.1	Batch ID: W8A1206	Instr: TURB01	Prepared: 01/19/18 15:33			Analyst: stg	
Turbidity	ND		0.10	NTU	1	01/19/18 16:03	
Method: EPA 200.7	Batch ID: W8A1277	Instr: ICP03	Prepared: 01/24/18 08:00			Analyst: JCK	
Boron, Total	69		10	ug/l	1	01/24/18 16:24	
Calcium, Total	34.2		0.100	mg/l	1	01/24/18 16:24	
Iron, Total	ND		10	ug/l	1	01/24/18 16:24	
Magnesium, Total	9.35		0.100	mg/l	1	01/24/18 16:24	
Potassium, Total	2.6		0.10	mg/l	1	01/24/18 16:24	
Sodium, Total	31		0.50	mg/l	1	01/24/18 16:24	
Method: EPA 200.8	Batch ID: W8A1731	Instr: ICPMS05	Prepared: 01/30/18 10:07			Analyst: jea	
Aluminum, Total	80		5.0	ug/l	1	01/31/18 12:51	
Antimony, Total	ND		0.50	ug/l	1	01/31/18 12:51	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 200.8 (Continued)	<b>Batch ID:</b> W8A1731	<b>Instr:</b> ICPMS05	<b>Prepared:</b> 01/30/18 10:07			<b>Analyst:</b> jea	
Arsenic, Total	0.49		0.40	ug/l	1	01/31/18 17:18	
Barium, Total	27		0.50	ug/l	1	01/31/18 12:51	
Beryllium, Total	ND		0.10	ug/l	1	01/31/18 12:51	
Cadmium, Total	ND		0.10	ug/l	1	01/31/18 12:51	
Chromium, Total	ND		0.20	ug/l	1	01/31/18 17:18	
Copper, Total	0.99		0.50	ug/l	1	01/31/18 12:51	
Lead, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Manganese, Total	0.32		0.20	ug/l	1	01/31/18 12:51	
Nickel, Total	1.2		0.80	ug/l	1	01/31/18 12:51	
Selenium, Total	ND		0.40	ug/l	1	01/31/18 17:18	
Silver, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Thallium, Total	ND		0.20	ug/l	1	01/31/18 12:51	
Zinc, Total	ND		5.0	ug/l	1	01/31/18 12:51	
<b>Method:</b> EPA 218.6	<b>Batch ID:</b> W8A1208	<b>Instr:</b> LC13	<b>Prepared:</b> 01/19/18 15:55			<b>Analyst:</b> dil	
Chromium 6+	0.40		0.020	ug/l	1	01/19/18 19:27	
<b>Method:</b> EPA 245.1	<b>Batch ID:</b> W8A1334	<b>Instr:</b> HG03	<b>Prepared:</b> 01/23/18 10:32			<b>Analyst:</b> mtt	
Mercury, Total	ND		0.050	ug/l	1	01/26/18 13:35	
<b>Method:</b> EPA 300.0	<b>Batch ID:</b> W8A1225	<b>Instr:</b> LC12	<b>Prepared:</b> 01/20/18 08:40			<b>Analyst:</b> dil	
Chloride, Total	47		0.50	mg/l	1	01/20/18 17:59	
Fluoride, Total	0.16		0.10	mg/l	1	01/20/18 17:59	
Sulfate as SO4	31		0.50	mg/l	1	01/20/18 17:59	
<b>Method:</b> EPA 314.0	<b>Batch ID:</b> W8A1380	<b>Instr:</b> LC08_Chan	<b>Prepared:</b> 01/23/18 15:52			<b>Analyst:</b> blg	
Perchlorate	ND		2.0	ug/l	1	01/24/18 01:35	
<b>Method:</b> EPA 335.4	<b>Batch ID:</b> W8A1432	<b>Instr:</b> AA01	<b>Prepared:</b> 01/24/18 10:04			<b>Analyst:</b> nat	
Cyanide, Total	ND		5.0	ug/l	1	01/24/18 15:43	
<b>Method:</b> EPA 353.2	<b>Batch ID:</b> W8A1188	<b>Instr:</b> Inst	<b>Prepared:</b> 01/19/18 15:00			<b>Analyst:</b> ajk	
Nitrate as N	0.54		0.20	mg/l	1	01/19/18 16:57	
Nitrite as N	ND		100	ug/l	1	01/19/18 17:36	
NO2+NO3 as N	550		200	ug/l	1	01/19/18 16:57	
<b>Method:</b> EPA 504.1	<b>Batch ID:</b> W8A1348	<b>Instr:</b> GC03	<b>Prepared:</b> 01/23/18 16:30			<b>Analyst:</b> cam	
1,2-Dibromo-3-chloropropane	ND		0.010	ug/l	1	01/23/18 23:24	
1,2-Dibromoethane (EDB)	ND		0.020	ug/l	1	01/23/18 23:24	
<b>Method:</b> EPA 508	<b>Batch ID:</b> W8A1568	<b>Instr:</b> GC07	<b>Prepared:</b> 01/26/18 08:56			<b>Analyst:</b> rmr	
4,4'-DDD	ND		0.010	ug/l	1	02/01/18 01:15	
4,4'-DDE	ND		0.010	ug/l	1	02/01/18 01:15	
4,4'-DDT	ND		0.010	ug/l	1	02/01/18 01:15	
Aldrin	ND		0.010	ug/l	1	02/01/18 01:15	
alpha-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Aroclor 1016	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1221	ND		0.10	ug/l	1	02/01/18 01:15	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

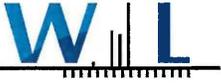
## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 508 (Continued)						<b>Analyst:</b> rmr	
<b>Batch ID:</b> W8A1568							
<b>Instr:</b> GC07							
<b>Prepared:</b> 01/26/18 08:56							
Aroclor 1232	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1242	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1248	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1254	ND		0.10	ug/l	1	02/01/18 01:15	
Aroclor 1260	ND		0.10	ug/l	1	02/01/18 01:15	
beta-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Chlordane (tech)	ND		0.10	ug/l	1	02/01/18 01:15	
Chlorothalonil	ND		0.050	ug/l	1	02/01/18 01:15	
delta-BHC	ND		0.010	ug/l	1	02/01/18 01:15	
Dieldrin	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan I	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan II	ND		0.010	ug/l	1	02/01/18 01:15	
Endosulfan sulfate	ND		0.010	ug/l	1	02/01/18 01:15	
Endrin	ND		0.010	ug/l	1	02/01/18 01:15	
Endrin aldehyde	ND		0.010	ug/l	1	02/01/18 01:15	
gamma-BHC (Lindane)	ND		0.010	ug/l	1	02/01/18 01:15	
Heptachlor	ND		0.010	ug/l	1	02/01/18 01:15	
Heptachlor epoxide	ND		0.010	ug/l	1	02/01/18 01:15	
Hexachlorobenzene	ND		0.050	ug/l	1	02/01/18 01:15	
Hexachlorocyclopentadiene	ND		0.050	ug/l	1	02/01/18 01:15	
Methoxychlor	ND		0.010	ug/l	1	02/01/18 01:15	
PCBs, Total	ND		0.50	ug/l	1	02/01/18 01:15	
Propachlor	ND		0.050	ug/l	1	02/01/18 01:15	
Toxaphene	ND		1.0	ug/l	1	02/01/18 01:15	
Trifluralin	ND		0.010	ug/l	1	02/01/18 01:15	
<i>Surrogate(s)</i>							
Decachlorobiphenyl	96%		70-130	Conc: 0.0963		02/01/18 01:15	
Tetrachloro-meta-xylene	93%		70-130	Conc: 0.0926		02/01/18 01:15	
<b>Method:</b> EPA 515.3						<b>Analyst:</b> rmr	
<b>Batch ID:</b> W8A1493							
<b>Instr:</b> GC08							
<b>Prepared:</b> 01/25/18 08:39							
2,4,5-T	ND		0.20	ug/l	1	02/01/18 05:41	
2,4,5-TP (Silvex)	ND		0.20	ug/l	1	02/01/18 05:41	
2,4-D	ND		0.40	ug/l	1	02/01/18 05:41	
2,4-DB	ND		2.0	ug/l	1	02/01/18 05:41	
3,5-Dichlorobenzoic acid	ND		1.0	ug/l	1	02/01/18 05:41	
Acifluorfen	ND		0.40	ug/l	1	02/01/18 05:41	
Bentazon	ND		2.0	ug/l	1	02/01/18 05:41	
Dalapon	ND		0.40	ug/l	1	02/01/18 05:41	
DCPA	ND		0.10	ug/l	1	02/01/18 05:41	
Dicamba	ND		0.60	ug/l	1	02/01/18 05:41	
Dichloroprop	ND		0.30	ug/l	1	02/01/18 05:41	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

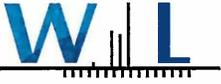
## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method: EPA 515.3 (Continued)</b>		<b>Batch ID: W8A1493</b>	<b>Instr: GC08</b>	<b>Prepared: 01/25/18 08:39</b>		<b>Analyst: rmr</b>	
Dinoseb	ND		0.40	ug/l	1	02/01/18 05:41	
Pentachlorophenol	ND		0.20	ug/l	1	02/01/18 05:41	
Picloram	ND		0.60	ug/l	1	02/01/18 05:41	
<i>Surrogate(s)</i>							
2,4-DCAA	101%		70-130	Conc: 10.1		02/01/18 05:41	
<b>Method: EPA 524.2</b>		<b>Batch ID: W8A1435</b>	<b>Instr: GCMS08</b>	<b>Prepared: 01/24/18 10:32</b>		<b>Analyst: rdt</b>	
1,1,1,2-Tetrachloroethane	ND	0.10	0.50	ug/l	1	01/25/18 17:30	
1,1,1-Trichloroethane	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
1,1,2,2-Tetrachloroethane	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
1,1,2-Trichloroethane	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
1,1-Dichloroethane	ND	0.12	0.50	ug/l	1	01/25/18 17:30	
1,1-Dichloroethene	ND	0.16	0.50	ug/l	1	01/25/18 17:30	
1,1-Dichloropropene	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
1,2,3-Trichlorobenzene	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
1,2,4-Trichlorobenzene	ND	0.17	0.50	ug/l	1	01/25/18 17:30	
1,2,4-Trimethylbenzene	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
1,2-Dichloroethane	ND	0.12	0.50	ug/l	1	01/25/18 17:30	
1,2-Dichloropropane	ND	0.13	0.50	ug/l	1	01/25/18 17:30	
1,3,5-Trimethylbenzene	ND	0.17	0.50	ug/l	1	01/25/18 17:30	
1,3-Dichloropropane	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
1,3-Dichloropropene, Total	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
2,2-Dichloropropane	ND	0.17	0.50	ug/l	1	01/25/18 17:30	
2-Butanone	ND	0.72	5.0	ug/l	1	01/25/18 17:30	
2-Chloroethyl vinyl ether	ND	0.61	1.0	ug/l	1	01/25/18 17:30	
2-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
2-Hexanone	ND	1.2	5.0	ug/l	1	01/25/18 17:30	
4-Chlorotoluene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
4-Methyl-2-pentanone	ND	0.56	5.0	ug/l	1	01/25/18 17:30	
Benzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
Bromobenzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
Bromochloromethane	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
<b>Bromodichloromethane</b>	<b>8.4</b>	0.090	0.50	ug/l	1	01/25/18 17:30	
<b>Bromoform</b>	<b>2.0</b>	0.19	0.50	ug/l	1	01/25/18 17:30	
Bromomethane	ND	0.49	0.50	ug/l	1	01/25/18 17:30	
Carbon tetrachloride	ND	0.12	0.50	ug/l	1	01/25/18 17:30	
Chlorobenzene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
Chloroethane	ND	0.17	0.50	ug/l	1	01/25/18 17:30	
<b>Chloroform</b>	<b>9.6</b>	0.12	0.50	ug/l	1	01/25/18 17:30	
Chloromethane	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
cis-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/25/18 17:30	



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# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 524.2 (Continued)		<b>Batch ID:</b> W8A1435		<b>Instr:</b> GCMS08		<b>Prepared:</b> 01/24/18 10:32	
						<b>Analyst:</b> rdt	
cis-1,3-Dichloropropene	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
<b>Dibromochloromethane</b>	<b>5.9</b>	0.20	0.50	ug/l	1	01/25/18 17:30	
Dibromomethane	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
Dichlorodifluoromethane (Freon 12)	ND	0.12	0.50	ug/l	1	01/25/18 17:30	
Di-isopropyl ether	ND	0.80	2.0	ug/l	1	01/25/18 17:30	
Ethyl tert-butyl ether	ND	0.40	2.0	ug/l	1	01/25/18 17:30	
Ethylbenzene	ND	0.21	0.50	ug/l	1	01/25/18 17:30	
Freon 113	ND	0.27	5.0	ug/l	1	01/25/18 17:30	
Hexachlorobutadiene	ND	0.40	0.50	ug/l	1	01/25/18 17:30	
Isopropylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
m,p-Xylene	ND	0.33	0.50	ug/l	1	01/25/18 17:30	
m-Dichlorobenzene	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
Methyl tert-butyl ether (MTBE)	ND	0.19	2.0	ug/l	1	01/25/18 17:30	
Methylene chloride	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
Naphthalene	ND	0.42	0.50	ug/l	1	01/25/18 17:30	
n-Butylbenzene	ND	0.29	0.50	ug/l	1	01/25/18 17:30	
n-Propylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
o-Dichlorobenzene	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
o-Xylene	ND	0.20	0.50	ug/l	1	01/25/18 17:30	
p-Dichlorobenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
p-Isopropyltoluene	ND	0.25	0.50	ug/l	1	01/25/18 17:30	
sec-Butylbenzene	ND	0.24	0.50	ug/l	1	01/25/18 17:30	
Styrene	ND	0.19	0.50	ug/l	1	01/25/18 17:30	
Tert-amyl methyl ether	ND	0.59	2.0	ug/l	1	01/25/18 17:30	
tert-Butylbenzene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Tetrachloroethene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
<b>THMs, Total</b>	<b>26</b>	0.60	2.0	ug/l	1	01/25/18 17:30	
Toluene	ND	0.14	0.50	ug/l	1	01/25/18 17:30	
trans-1,2-Dichloroethene	ND	0.11	0.50	ug/l	1	01/25/18 17:30	
trans-1,3-Dichloropropene	ND	0.15	0.50	ug/l	1	01/25/18 17:30	
Trichloroethene	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Trichlorofluoromethane	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Vinyl chloride	ND	0.18	0.50	ug/l	1	01/25/18 17:30	
Xylenes, Total	ND	0.33	1.0	ug/l	1	01/25/18 17:30	
<i>Surrogate(s)</i>							
1,2-Dichlorobenzene-d4	89%		70-130	Conc: 8.89		01/25/18 17:30	
4-Bromofluorobenzene	85%		70-130	Conc: 8.52		01/25/18 17:30	
<b>Method:</b> EPA 525.2		<b>Batch ID:</b> W8A1574		<b>Instr:</b> GCMS16		<b>Prepared:</b> 01/26/18 09:30	
						<b>Analyst:</b> etn	
Alachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Atrazine	ND		0.10	ug/l	1	02/08/18 10:00	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
<b>Method:</b> EPA 525.2 (Continued)		<b>Batch ID:</b> W8A1574	<b>Instr:</b> GCMS16	<b>Prepared:</b> 01/26/18 09:30		<b>Analyst:</b> etn	
Benzo (a) pyrene	ND		0.10	ug/l	1	02/08/18 10:00	
Bis(2-ethylhexyl)adipate	ND		5.0	ug/l	1	02/08/18 10:00	
Bis(2-ethylhexyl)phthalate	ND		3.0	ug/l	1	02/08/18 10:00	
Bromacil	ND		0.50	ug/l	1	02/08/18 10:00	
Butachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Captan	ND		1.0	ug/l	1	02/08/18 10:00	
Chlorpropham	ND		0.10	ug/l	1	02/08/18 10:00	
Cyanazine	ND		0.10	ug/l	1	02/08/18 10:00	
Diazinon	ND		0.10	ug/l	1	02/08/18 10:00	
Dimethoate	ND		0.20	ug/l	1	02/08/18 10:00	
Diphenamid	ND		0.10	ug/l	1	02/08/18 10:00	
Disulfoton	ND		0.10	ug/l	1	02/08/18 10:00	
EPTC	ND		0.10	ug/l	1	02/08/18 10:00	
Metolachlor	ND		0.10	ug/l	1	02/08/18 10:00	
Metribuzin	ND		0.10	ug/l	1	02/08/18 10:00	
Molinate	ND		0.10	ug/l	1	02/08/18 10:00	
Prometon	ND		0.10	ug/l	1	02/08/18 10:00	
Prometryn	ND		0.10	ug/l	1	02/08/18 10:00	
Simazine	ND		0.10	ug/l	1	02/08/18 10:00	
Terbacil	ND		2.0	ug/l	1	02/08/18 10:00	
Thiobencarb	ND		0.10	ug/l	1	02/08/18 10:00	
Trithion	ND		0.10	ug/l	1	02/08/18 10:00	
<i>Surrogate(s)</i>							
1,3-Dimethyl-2-nitrobenzene	74%		70-130	Conc: 3.71		02/08/18 10:00	
Perylene-d12	77%		50-120	Conc: 3.84		02/08/18 10:00	
Triphenyl phosphate	110%		70-130	Conc: 5.49		02/08/18 10:00	
<b>Method:</b> EPA 531.1		<b>Batch ID:</b> W8A1483	<b>Instr:</b> LC10	<b>Prepared:</b> 01/24/18 17:20		<b>Analyst:</b> pjs	
3-Hydroxycarbofuran	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb sulfone	ND		2.0	ug/l	1	01/25/18 04:39	
Aldicarb sulfoxide	ND		2.0	ug/l	1	01/25/18 04:39	
Carbaryl	ND		2.0	ug/l	1	01/25/18 04:39	
Carbofuran	ND		2.0	ug/l	1	01/25/18 04:39	
Methiocarb	ND		2.0	ug/l	1	01/25/18 04:39	
Methomyl	ND		2.0	ug/l	1	01/25/18 04:39	
Oxamyl	ND		2.0	ug/l	1	01/25/18 04:39	
Propoxur (Baygon)	ND		2.0	ug/l	1	01/25/18 04:39	
<b>Method:</b> EPA 547		<b>Batch ID:</b> W8A1270	<b>Instr:</b> LC10	<b>Prepared:</b> 01/22/18 11:18		<b>Analyst:</b> pjs	
Glyphosate	ND		5.0	ug/l	1	01/22/18 16:56	
<b>Method:</b> EPA 548.1		<b>Batch ID:</b> W8A1242	<b>Instr:</b> GCMS06	<b>Prepared:</b> 01/22/18 15:38		<b>Analyst:</b> etn	



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Sample Results

(Continued)

Sample: 3003 - Sandhill - Treated, RegID: 3610041-076  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango  
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 548.1 (Continued) Endothall	Batch ID: W8A1242 Instr: GCMS06 ND		Prepared: 01/22/18 15:38 45	ug/l	1	Analyst: etn 01/30/18 05:55	
Method: EPA 549.2 Diquat	Batch ID: W8A1243 Instr: LC11 ND		Prepared: 01/22/18 07:40 4.0	ug/l	1	Analyst: pjs 01/24/18 16:00	
Method: SM 2120B Color	Batch ID: W8A1223 Instr: Inst ND		Prepared: 01/19/18 17:24 3.0	Color Units	1	Analyst: mnq 01/19/18 17:59	
Method: SM 2320B Alkalinity as CaCO3	Batch ID: W8A1194 Instr: AA02 100		Prepared: 01/19/18 12:45 2.0	mg/l	1	Analyst: stg 01/19/18 16:14	
Bicarbonate Alkalinity as HCO3	120		2.0	mg/l	1	01/19/18 16:14	
Carbonate Alkalinity as CaCO3	ND		2.0	mg/l	1	01/19/18 16:14	
Hydroxide Alkalinity as CaCO3	ND		2.0	mg/l	1	01/19/18 16:14	
Method: SM 2330B Langelier Index @ 60 C	Batch ID: W8A1607 Instr: Inst 0.830		Prepared: 01/26/18 15:11 -10.0	N/A	1	Analyst: jck 01/26/18 15:17	
Langelier Index @ Source Temp	0.252		-10.0	N/A	1	01/26/18 15:17	
Method: SM 2510B Specific Conductance (EC)	Batch ID: W8A1353 Instr: AA02 420		Prepared: 01/23/18 12:00 2.0	umhos/cm	1	Analyst: stg 01/23/18 14:00	
Method: SM 2540C Total Dissolved Solids	Batch ID: W8A1395 Instr: OVEN01 240		Prepared: 01/23/18 17:32 10	mg/l	1	Analyst: ymt 01/24/18 18:50	
Method: SM 4500H+-B pH	Batch ID: W8A1207 Instr: AA02 8.18		Prepared: 01/19/18 15:35 0.10	Units	1	Analyst: stg 01/19/18 17:09	
Method: SM 5540C MBAS	Batch ID: W8A1217 Instr: UVVIS03 ND		Prepared: 01/19/18 16:32 0.050	mg/l	1	Analyst: ajk 01/19/18 17:15	
Method: SM 7110C Gross Alpha	Batch ID: W8A1413 Instr: MPC 9604- 0.587		Prepared: 01/24/18 08:43 pCi/L		1	Analyst: sap 01/25/18 08:09	

Uncertainty: 0.105 MDA: 0.033

## Sample Results CA-ELAP #2283, Non-NELAP

Sample: 3003 - Sandhill - Treated  
8A19068-01 (Water)

Sampled: 01/19/18 8:00 by Eric Tarango

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
<b>Subcontracted Analyses</b>						
Method: EPA 100.2 Asbestos	Batch ID: W8B0112 ND	Prepared: 01/31/18 09:20 0.200	MFL	1	Analyst: _sub 02/02/18	S_LAT



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Notes and Definitions

Item	Definition
•	The recommended holding time for this analysis is only 15 minutes. The sample was analyzed as soon as it was possible but it was received and analyzed past holding time.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
Q-08	High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
Q-ME	Acceptable QC with marginal exceedance
S_LAT	Analysis subcontracted to LA Testing South Pasadena., non NELAP certified, but is ELAP certified (CA-ELAP Certificate 2283).
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

## Not Certified Analyses Summary

Analyte	CAS #	Not Accredited By
<b>AWWA in Water</b> Aggressive Index		NELAP

Reviewed by:

Valerie Rejuso  
Project Manager



DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • Guam-EPA #17-008R • ISO 17025 #L2457.01 • LACSD #10143 • NJ-DEP #CA015

*This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.*



July 10, 2018

Chino Basin Watermaster  
Attention: Mr. Peter Kavounas, General Manager  
9641 San Bernardino Road  
Rancho Cucamonga, CA 91730

**Subject: Analysis of Material Physical Injury for the Fontana Water Company (FWC) Recharge Application, as submitted to the Chino Basin Watermaster on June 7, 2018 (hereafter June 7, 2018 recharge application)**

Dear Mr. Kavounas,

Pursuant to your direction, Wildermuth Environmental, Inc. (WEI) conducted a material physical injury (MPI) analysis of the FWC's June 7, 2018 recharge application. This MPI analysis has been done pursuant to the Watermaster Rules and Regulations and the Peace Agreement. Specifically, Article 10 of Watermaster Rules and Regulations (paragraph 10.10) requires that:

“[...] Watermaster prepare a written summary and analysis (which will include an analysis of the potential for material physical injury) of the Application and provide the Parties with a copy of the written summary and advanced notice of the date of Watermaster's scheduled consideration and possible action on any pending Applications.”

Per the Peace Agreement, material physical injury is defined as:

“[...] material injury that is attributable to Recharge, Transfer, storage and recovery, management, movement or Production of water or implementation of the OBMP, including, but not limited to, degradation of water quality, liquefaction, land subsidence, increases in pump lift and adverse impacts associated with rising groundwater” (Peace Agreement, page 8).

The MPI analysis presented herein is based on our professional experience and judgment in the Chino Basin, including the collection and analysis of monitoring data, past

evaluation of Chino Basin storage programs, groundwater modeling of various groundwater management alternatives in the Chino Basin, and prior MPI analyses.

### **FWC's Recharge Application of June 7, 2018**

The FWC proposes to recharge up to 300 acre-feet (af) of Lytle Creek water into the Vulcan Basin during the period September 2018 through September 2019. The water would be treated to potable standards and diverted into the Vulcan Basin from the FWC distribution system. The FWC proposes to use the same one to two-acre part of the basin that was used by Vulcan and FWC for a recharge event in 2015. Note that FWC submitted, and Watermaster approved, a similar application in July 2017 to recharge up to 300 af of Lytle Creek water into the Vulcan Basin during the period September 2017 through September 2018. As of July 9, 2018, FWC has not recharged any water in the Vulcan Basin as part of their July 2017 recharge application.

The scope of this analysis is to determine if the proposed recharge event of up to 300 af of Lytle Creek water by the FWC, as proposed in its June 7, 2018 recharge application, has the potential to cause MPI.

### **Groundwater Level Impacts (liquefaction, land subsidence, and increases in pump lift)**

The proposed recharge event will produce a localized increase in groundwater levels in the vicinity of the Vulcan Basin where the recharge occurs, followed by a return to the groundwater levels that would occur had the water not been recharged. The current depth to groundwater beneath the Vulcan Basin is presently about 490 feet below ground surface (bgs).<sup>1</sup> There will be no adverse liquefaction or land subsidence impacts from the groundwater level changes caused by the recharge and storage proposed by the FWC.

### **Balance of Recharge and Discharge in Every Area and Subarea**

Per the application, FWC intends to use the proposed recharge water to partially offset its overproduction that will occur from its production in MZ3. The Vulcan Basin is located in MZ3. In the absence of the proposed recharge event, the FWC would meet its replenishment obligation from transfers of water from other appropriators that produce groundwater in MZ1 and MZ2 and Watermaster replenishment that may or may not occur in MZ3. The proposed recharge event will improve the balance of recharge and discharge in MZ3.

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<sup>1</sup> Note that that the latest groundwater-level data available at the nearest well to the Vulcan Basin (Fontana Well 3A) is from January 2017. An analysis of other wells in the vicinity suggests that groundwater-level elevations in April 2018 are similar to those observed in January 2017.

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### **Total Dissolved Solids and Nitrate Concentration of the Recharge Water**

The 2004 Regional Water Quality Control Plan (Basin Plan) for the Santa Ana River Watershed has total dissolved solids (TDS) and nitrate (expressed as nitrogen) concentration objectives in the Chino-North Groundwater Management Zone (GMZ) of 420 milligrams per liter (mg/L) and 5 mg/L, respectively. The proposed recharge event will occur in the Chino-North GMZ. Pursuant to the Basin Plan, Watermaster and the IEUA are required to manage recharge in spreading basins in the Chino Basin such that the five-year, volume-weighted average TDS and nitrate concentration of the recycled water, imported water, supplemental native water, and new stormwater recharged across all recharge basins will not exceed the Basin Plan objectives. The FWC provided a recent characterization of Lytle Creek water quality in their June 7, 2018 recharge application. This characterization indicates that the TDS and nitrate concentrations of the water proposed to be recharged are generally less than 250 mg/L and 1 mg/L, respectively. The current ambient TDS and nitrate concentrations in the Chino-North GMZ are 360 mg/L and 10.3 mg/L, respectively, and therefore the proposed recharge event will not encroach on the current assimilative capacity or interfere with Watermaster and the IEUA's regulatory obligations. In fact, the proposed recharge event will be helpful in complying with the Basin Plan. There will be no adverse TDS or nitrate concentration impacts caused by the proposed recharge event.

### **Water Quality Impacts on Other Pumpers**

The water quality of the proposed recharge water is comparable to State Water Project water, and the proposed recharge event will improve the general water quality in MZ3 and the Basin. The proposed recharge will not change the direction and/or speed of movement of known contaminant plumes. There will be no adverse water quality impacts caused by the proposed recharge event.

### **Conclusion and Recommendations**

There will be no MPI due to the FWC proposed recharge event as described in their June 7, 2018 recharge application.

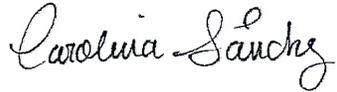
We recommend that Watermaster consider requiring the following conditions on the approval of the recharge application:

1. The berm system used to constrain the recharge area be improved such that it will not fail due to seepage pressure or overtopping during the FWC proposed recharge event. The berm system failed during the 2015 recharge event.
2. Require the recharge water be conveyed from the source to the proposed recharge area in a closed system to ensure that the recharge water does not contact soil outside of the proposed recharge area.

Please call us if you have any questions or concerns regarding this MPI analysis.

Very truly yours,

**Wildermuth Environmental, Inc.**



Carolina Sanchez, PE  
*Senior Engineer*



Mark Wildermuth, PE  
*President, Principal Engineer*

# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### A. FISCAL YEAR 2017/18 BUDGET TRANSFER (FORM T-18-06-01)



# CHINO BASIN WATERMASTER

9641 San Bernardino Road, Rancho Cucamonga, Ca 91730  
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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) (Business Item II.A.)

### SUMMARY

Issue: Approve Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01).

Recommendation: Recommend to the Advisory Committee to approve Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) as presented.

Financial Impact: No financial impact. The Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is a reallocation of approved budgeted funds and does not have any financial impact on the total FY 2017/18 "Amended" budget of \$16,350,693.24 which includes \$4,119,779.24 of Carry-Over funding.

### Future Consideration

Appropriative Pool – July 19, 2018: Recommend Advisory Committee approval  
Non-Agricultural Pool – July 19, 2018: Recommend Advisory Committee approval  
Agricultural Pool – July 19, 2018: Recommend Advisory Committee approval  
Advisory Committee – July 26, 2018: Approval  
Watermaster Board – July 26, 2018: Adoption (Advisory Committee approval required)

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND

Utilizing the Watermaster's accounting software (Intuit QuickBooks Enterprise Solutions 18.0), on a continuing basis the Watermaster staff reviews the budget vs. actual reports and ensures that adequate budget and funds are maintained. Watermaster also provides monthly financial reports to keep all members apprised of the actual and projected total expenses for the current fiscal year. Watermaster also provides a process for reallocating budget to other expense categories to provide continued funding, or amending the approved budget to ensure the categories are funded properly.

### BUDGET TRANSFERS:

With regards to the process of budget transfers, the following information is provided:

The Chino Basin Watermaster budget has four main budget categories:

- General & Administrative Expenses
- Optimum Basin Management Program Expenses
- Project Expenditures
- Other Income/Expenses

The Watermaster General Manager has authority to transfer funds within the main budget categories up to \$25,000 without Board approval. However, to allow for full transparency in the process, the Pools, Advisory Committee, and the Board will be informed of all budget transfers less than \$25,000.

Budget transfers greater than \$25,000 *within the same categories* must be formally recommended for approval by the Pools, approved by the Advisory Committee, and approved by the Board. If there are insufficient funds within same category, the Watermaster General Manager may propose a transfer from one main category to another. All budget transfers from one main category to another, regardless of the amount, require recommended approval by the Pools, approval by the Advisory Committee, and approval by the Board.

All budget transfers are processed in and recorded in the accounting system.

## DISCUSSION

Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01)

The attached Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is provided as documentation to clearly show which general ledger accounts are being reduced and which general ledger accounts are being increased. Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is reallocating existing approved budget dollars between Watermaster accounts as needed at the fiscal year-end June 30, 2018. The Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is a "net zero" document, which means the budget reductions of \$372,000 and budget additions of \$372,000 within the general ledger accounts are equal. There is no change to the overall budget as a result of Fiscal year 2017/18 Budget Transfer (Form T-18-06-01) and no new funds or assessments are required. The effective date of the Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) will be June 30, 2018 and all adjustments will be recorded within the June 2018 accounting period.

The general ledger accounts increased by Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) are the Agricultural Pool Legal Services expenses (account 8467) in the amount of \$100,000; the BHFS Legal-Miscellaneous expenses (account 6078) in the amount of \$27,000; and the BHFS Legal-Miscellaneous expenses (account 6078) in the amount of \$245,000 [ $\$100,000 + \$27,000 + \$245,000 = \$372,000$ ].

The budget reductions in the amount of \$372,000 are from the following areas of the FY 2017/18 expense budget: Agricultural Pool Special Projects expense (account 8471) of \$73,847; Board Workshop Expenses-Miscellaneous (account 6375.2) of \$14,000; Travel and Transportation expenses (account

6179) of \$28,399; Comprehensive Recharge-O&M expenses (account 7206) of \$10,754; Watermaster Staff Salaries (accounts 6901 and 7601) of \$27,000 and \$35,000 respectively; BHFS Legal-Storage Agreement expenses (account 6907.4) of \$93,000; BHFS Legal-Santa Ana River Habitat expenses (account 6907.36) of \$58,000; BHFS-Appropriative Pool Legal Service expense (account 8375) of \$12,000; BHFS-Non-Agricultural Pool Legal Service expense (account 8575) of \$12,000; and BHFS Legal-Board Workshops expenses (account 6375.1) of \$8,000. [ $\$73,847 + \$14,000 + \$28,399 + \$10,754 + \$27,000 + \$35,000 + \$93,000 + \$58,000 + \$12,000 + \$12,000 + \$8,000 = \$372,000$ ].

The Approved "Amended" Budget for FY 2017/18 of \$16,350,693.24 (which includes the additional "Carry Over" funding of \$4,119,779.24) was NOT increased with the Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01).

#### SOURCES OF FUNDING:

##### Agricultural Pool Special Projects of \$73,847

The FY 2017/18 amended budget for the Agricultural Pool Special Projects (account 8471) was funded at \$85,000. During the fiscal year, expenses of \$11,153 were recorded for the FY 2017/18 Middle Santa Ana River Pathogen TMDL Task Force Cost Share Project, leaving an available balance of \$73,847 in the account ( $\$85,000 - \$11,153 = \$73,847$ ). There are no further expenses anticipated for FY 2017/18 for this account, with the available balance of \$73,847 being transferred to the Agricultural Pool Legal Services (account 8467), with the budget for (account 8471) at \$11,153 ( $\$85,000 - \$73,847 = \$11,153$ ).

##### Administrative Expenses - Various Accounts of \$115,153

Various Watermaster Administrative expenses are anticipated to be below budget as of June 30, 2018. These accounts are the Board Workshop Expenses-Miscellaneous expenses (account 6375.2) with a projected available budget balance of \$14,000; Travel and Transportation expenses (account 6179) with a projected available budget balance of \$28,399; Comprehensive Recharge-O&M expenses (account 7206) with a projected available budget balance of \$10,754; and Watermaster staff salaries (accounts 6901 and 7601) with projected available budget balances of \$27,000 and \$35,000 respectively. The combination of these five Watermaster Administrative expense categories in the amount of \$115,153 ( $\$14,000 + \$28,399 + \$10,754 + \$27,000 + \$35,000 = \$115,153$ ) are available for use as of June 30, 2018.

##### BHFS Legal - Various Accounts of \$183,000

Various BHFS Legal Service expenses are anticipated to be below budget as of June 30, 2018. These accounts are the BHFS Legal-Storage Agreements expense (account 6907.4) with a projected available budget balance of \$93,000; BHFS Legal-Santa Ana River Habitat expenses (account 6907.36) with a projected available budget balance of \$58,000; BHFS-Appropriative Pool Legal Service expense (account 8375) with a projected available budget balance of \$12,000; BHFS-Non-Agricultural Pool Legal Service expense (account 8575) with a projected available budget balance of \$12,000; and the BHFS Legal-Board Workshops expense (account 6375.1) with a projected available budget balance of \$8,000. The combination of these five BHFS accounts in the amount of \$183,000 ( $\$93,000 + \$58,000 + \$12,000 + \$12,000 + \$8,000 = \$183,000$ ) are available for use as of June 30, 2018.

#### USES OF FUNDING:

##### Agricultural Pool Legal Services of \$100,000

The FY 2017/18 Agricultural Pool Legal Services budget (account 8467) was originally approved at \$205,000. The annual Agricultural Pool Legal Services budget was equally divided into 12 months and allocated to the FY 2017/18 budget, by month. Watermaster has been consistently reporting an over budget as a result of ongoing legal activities in this area for the entire fiscal year. During the preliminary financial closing, it was determined that the year-to-date expenses as of June 30, 2018 for the category of Agricultural Pool Legal Services was over budget by \$100,000 and needed additional funding. The

transfer of budget funds in the amount of \$100,000 from the following accounts will correct the budget shortfall: (1) the transfer of funds from the Agricultural Pool Special Projects expenses (account 8471) in the amount of \$73,847; (2) the transfer of funds from the Board Workshop Expenses-Miscellaneous expenses (account 6375.2) in the amount of \$14,000; and the transfer of funds from the Travel and Transportation expenses (account 6179) in the amount of \$12,152 ( $\$73,847 + \$14,000 + \$12,153 = \$100,000$ ).

BHFS-Legal-Miscellaneous of \$27,000

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2017/18. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget was adopted for the original amount of \$964,783. The total BHFS Legal Services budget (consolidating the three categories of Watermaster Administrative Legal Services of \$176,075, Pool/Advisory/Board Meeting legal expenses of \$191,233, and OBMP legal expenses of \$597,475) is the consolidated budgeted amount of \$964,783 ( $\$176,075 + \$191,233 + \$597,475 = \$964,783$ ).

During the preliminary financial closing, it was determined that the BHFS consolidated year-to-date expenses as of June 30, 2018 in the amount of \$991,393 was above the budgeted amount of \$964,783 by \$26,610 ( $\$991,393 - \$964,783 = \$26,610$ ). As a result, a budget transfer is required. The transfer of funds in the amount of \$27,000 from the following accounts will correct the budget shortfall: (1) the transfer of funds from the Travel and Transportation expenses (account 6179) in the amount of \$16,246; and (2) the transfer of funds from the Comprehensive Recharge-O&M expenses (account 7206) in the amount of \$10,754 ( $\$16,246 + \$10,754 = \$27,000$ ).

BHFS-Legal-Miscellaneous of \$245,000

The Watermaster Legal Services budget was developed jointly by the Watermaster staff and Brownstein Hyatt Farber Schreck staff with specific assumptions regarding the tasks and legal activities that would occur during FY 2017/18. The total legal services budget was developed by multiplying the number of hours that would be required to complete the specific tasks by the hourly rate. The "Approved" budget was adopted for the original amount of \$964,783. The total BHFS Legal Services budget (consolidating the three categories of Watermaster Administrative Legal Services of \$176,075, Pool/Advisory/Board Meeting legal expenses of \$191,233, and OBMP legal expenses of \$597,475) is the consolidated budgeted amount of \$964,783 ( $\$176,075 + \$191,233 + \$597,475 = \$964,783$ ).

During the preliminary financial closing of the year-to-date expenses as of June 30, 2018, two of the three BHFS legal categories were under budget, while one category was over budget. The two categories of BHFS legal expenses which were under budget were: (1) the Pools/Advisory/Board legal expenses under budget by \$60,343; and (2) the OBMP Legal expenses under budget by \$157,615. The category over budget was the Administrative legal services (6070's) over budget by \$244,568. As a result a budget transfer of \$244,568 is required. The transfer of funds in the amount of \$245,000 from the following accounts will correct the budget shortfall: (1) the transfer of funds from the Watermaster Staff Salaries expenses (accounts 6901 and 7601) in the amounts of \$27,000 and \$35,000 respectively; (2) the transfer of funds from the BHFS Legal-Storage Agreements expenses (account 6907.4) in the amount of \$93,000; (3) the transfer of funds from the BHFS Legal-Santa Ana River Habitat expenses (account 6907.36) in the amount of \$58,000; (4) the transfer of funds from the BHFS Legal-Appropriative Pool expenses (account 8375) in the amount of \$12,000; (5) the transfer of funds from the BHFS Legal-Non-Agricultural Pool expenses (account 8575) in the amount of \$12,000; and (6) the transfer of funds from the BHFS Legal-Board Workshop expenses (account 6375.1) in the amount of \$8,000 ( $\$27,000 + \$35,000 + \$93,000 + \$58,000 + \$12,000 + \$12,000 + \$8,000 = \$245,000$ ).

ATTACHMENT

1. Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01)



**CHINO BASIN WATERMASTER  
FISCAL YEAR 2017/18 BUDGET TRANSFER (FORM T-18-06-01)**

To: **All Parties**

From: Joseph S. Joswiak, CFO

Date: July 19, 2018

Fiscal Year: 2017/18

**Describe reason for the transfer between budget categories here:** To facilitate the close of the fiscal year-end as of June 30, 2018, a Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01) is required to reallocate the approved FY 2017/18 budget between several budget accounts as follows: (1) The Agricultural Pool Legal Services budget requires additional funding of \$100,000 which will increase the Agricultural Pool Legal Services budget from \$205,000 to \$305,000. The amount of \$100,000 is comprised of \$73,847 + \$14,000 + \$12,153 = \$100,000. (2) The BHFS Legal Services budget requires additional funding of \$27,000 which will increase the BHFS Legal Services budget from \$964,783 to \$991,783. The amount of \$27,000 is comprised of \$16,246 + \$10,754 = \$27,000. (3) The BHFS Administrative accounts (6070's) requires a funding adjustment in the amount of \$245,000. The amount of \$245,000 is comprised of \$27,000 + \$35,000 + \$93,000 + \$58,000 + \$12,000 + \$12,000 + \$8,000 = \$245,000. Overall, the net budget adjustment is \$372,000. The overall Watermaster FY 2017/18 "Amended" Budget of \$16,350,693.24 (which includes \$4,119,779.24 of Carry-Over funding) was not increased as a result of the Fiscal Year 2017/18 Budget Transfer (Form T-18-06-01).

**Budgetary account reduction**

<i>Line Item Description</i>	<i>Account Number</i>		<i>Amount</i>	
Agricultural Pool Special Projects	8471	Ag Pool	\$ (73,847)	(1)
Board Workshop Expenses - Miscellaneous	6375.2	Admin	\$ (14,000)	(1)
Travel and Transportation	6179	Admin	\$ (12,153)	(1)
Travel and Transportation	6179	Admin	\$ (16,246)	(2)
Comprehensive Recharge - O&M	7206	Admin	\$ (10,754)	(2)
WM Staff Salaries	6901	Admin	\$ (27,000)	(3)
WM Staff Salaries	7601	Admin	\$ (35,000)	(3)
BHFS Legal - Storage Agreements	6907.4	BHFS	\$ (93,000)	(3)
BHFS Legal - Santa Ana River Habitat	6907.36	BHFS	\$ (58,000)	(3)
BHFS Legal - Appropriative Pool	8375	BHFS	\$ (12,000)	(3)
BHFS Legal - Non-Ag Pool	8575	BHFS	\$ (12,000)	(3)
BHFS Legal - Board Workshops	6375.1	BHFS	\$ (8,000)	(3)
<b>Total Amount of Budget To Transfer "OUT"</b>			<b>\$ (372,000)</b>	

**Budgetary account addition**

Agricultural Pool Legal Services	8467	Ag Pool	\$ 100,000	(1)
BHFS - Miscellaneous	6078	BHFS	\$ 27,000	(2)
BHFS - Miscellaneous	6078	BHFS	\$ 245,000	(3)
<b>Total Amount of Budget To Transfer "IN"</b>			<b>\$ 372,000</b>	
<b>Net Transfer Amount</b>			<b>\$ -</b>	

**Transfer Procedure**

- Staff brings the transfer request to the Pools, Advisory Committee, and Board for information purposes if the transfer is under \$25,000. Transfers over \$25,000 within the same budget category must be formally recommended for approval by the Pools, approved by the Advisory Committee, and approved by the Board. Transfers between budget categories, regardless of amount, require recommended approval by the Pools, approval by the Advisory Committee, and approval by the Board.
- Once the form has been completed by the CFO, and approved by the board if required, the Chief Financial Officer will prepare and process the budget transfer in the accounting system.
- A log will be maintained by the CFO detailing the transfer.
- A fiscal year file will also be kept to hold all budget amendment forms for auditor review.

**Finance Use Only**

Date Board Approved \_\_\_\_\_  
 Finance Log # \_\_\_\_\_  
 Date Posted \_\_\_\_\_  
 Posted By \_\_\_\_\_  
 Approved by \_\_\_\_\_  
 Date approved \_\_\_\_\_

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# CHINO BASIN WATERMASTER

## II. BUSINESS ITEMS

### B. ADVISORY COMMITTEE REQUEST FOR WATERMASTER ASSISTANCE

1. Exhibit "G" Transfer Rate Amendment
2. Peace Agreement Paragraph 5.3(e) Interpretation
3. Amendments to the Judgment and Court Approved Management Agreements (CAMA) to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order



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PETER KAVOUNAS, P.E.  
General Manager

## STAFF REPORT

DATE: July 19, 2018  
TO: Pool Committee Members  
SUBJECT: Advisory Committee Request for Watermaster Assistance: 1. Exhibit "G" Transfer Rate Amendment; 2. Peace Agreement Paragraph 5.3(e) Interpretation 3. Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal From April 28, 2017 Order (Business Item II.B.)

### SUMMARY

Issue: During its June 21, 2018 meeting, the Advisory Committee, by unanimous vote, requested assistance from Watermaster in drafting a document containing potential changes to the Judgment, Peace and Peace II Agreements. At its June 28, 2018 meeting, the Board instructed legal counsel to prepare a draft agreement in response to the Advisory Committee's request.

Recommendation: Discuss and possibly take action and make recommendations to the Advisory Committee.

Financial Impact: Legal expenses for these activities are included in the overall legal services budget for FY 2018/19.

### Future Consideration

Appropriative Pool – July 19, 2018: Discussion and possible action  
Non-Agricultural Pool – July 19, 2018: Discussion and possible action  
Agricultural Pool – July 19, 2018: Discussion and possible action  
Advisory Committee – July 26, 2018: Discussion and possible action  
Watermaster Board – July 26, 2018: Discussion and possible action [Advisory Committee Approval Required]

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### ACTIONS:

Appropriative Pool – July 19, 2018:  
Non-Agricultural Pool – July 19, 2018:  
Agricultural Pool – July 19, 2018:  
Advisory Committee – July 26, 2018:  
Watermaster Board – July 26, 2018:

## BACKGROUND AND DISCUSSION

The June 2018 agendas for Pools and Advisory Committee meetings included three items that have been discussed in the recent months. The three items are Exhibit "G" Transfer Rate Amendment, Peace Agreement Paragraph 5.3(e) Interpretation, and Amendments to the Judgment and Court Approved Management Agreements (CAMA) to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order.

The first item titled "Exhibit "G" Transfer Rate Amendment" offered potential language to remedy the problem that was created when MWD eliminated its Replenishment Rate. Since the transfer mechanism contemplated in Paragraph 9 of Exhibit "G" depended on MWD's Replenishment Rate, the mechanism was rendered moot, and the Non-Agricultural and Appropriative Pools began an annual negotiation of a transfer rate, with the requisite Court approval. Potential language to remedy this inefficient approach was offered and considered by the Pools during their June 14, 2018 meetings.

The item titled "Peace Agreement Paragraph 5.3(e) Interpretation" presented a potential interpretation of Peace Agreement language pertaining to the ability of Non-Agricultural Pool parties to transfer water to Watermaster for Desalter Replenishment Obligation. The question had been previously (2015) raised by the City of Ontario, and was also included in the Term Sheet presented by the six parties to the Appeal from the April 28, 2017 Order. A potential interpretation of the language was offered for the Pools' consideration.

Finally, the item titled "Amendments to the Judgment and Court Approved Management Agreements (CAMA) to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order" was presented for consideration by the Pools at the request of the six parties to the Appeal. The proposed Amendments represent the changes to the mentioned documents necessary to implement the Term Sheet distributed earlier in 2018 by the six parties.

During the June 21, 2018 Advisory Committee consideration it was recognized that all three items relate to the settlement of the ongoing Appeal from the April 28, 2017 Court Order and could be combined into a single document to be considered by the Pools and Advisory Committee during a future meeting.

A motion was made by the City of Chino Hills for Watermaster assistance in drafting a master document and was seconded by City of Pomona, one of the appellants. In seconding the motion the City's representative expressed his appreciation for the understanding by the Agricultural and Non-Agricultural Pools and the other parties in the Appropriative Pool, and that Watermaster assistance would be a helpful step in moving toward resolving the appeal. The motion requested that a document be prepared that could be openly considered by the Pools. During its June 28, 2018 meeting the Watermaster Board authorized staff and Counsel to proceed with the requested effort.

A presentation may be made by Watermaster staff as to the status of this effort.

## ATTACHMENTS

1. June 21, 2018 Staff Report titled "Exhibit "G" Transfer Rate Amendment"
2. June 21, 2018 Staff Report titled "Peace Agreement Paragraph 5.3(e) Interpretation"
3. June 21, 2018 Staff Report titled "Amendments to the Judgment and Court Approved Management Agreements (CAMA) to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order"



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PETER KAVOUNAS, P.E.  
General Manager

### STAFF REPORT

DATE: June 21, 2018  
TO: Advisory Committee Members  
SUBJECT: Exhibit "G" Transfer Rate Amendment (Business Item II.C.)

#### SUMMARY

Issue: Section 9(d) of Exhibit "G" to the Restated Judgment, the Overlying (Non-Agricultural) Pool Pooling Plan, defines the price at which Watermaster will purchase water from the Non-Agricultural Pool on an annual basis relative to "...the then-prevailing "MWD Replenishment Rate"...". Since the MWD rate structure has changed and there is no Replenishment Rate, a new transfer rate needs to be identified.

Recommendation: Offer advice and assistance on amending Section 9(d) of Exhibit "G" regarding the transfer rate.

Financial Impact: There is no financial impact as a result of this recommendation.

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#### ACTIONS:

**Appropriative Pool – June 14, 2018:** Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

**Non-Agricultural Pool – June 14, 2018:** Supports an Exhibit "G" transfer rate amendment allowing the Non-Agricultural Pool to solely decide the price at which to offer water for sale; the Non-Agricultural Pool directs Pool Counsel and Pool Chair to work with the Appropriative Pool and Counsel, and Watermaster to determine the final language to amend Exhibit "G" and file the necessary paperwork with the Court.

**Agricultural Pool – June 15, 2018:** Offered no advice

**Advisory Committee – June 21, 2018:** Voted unanimously to request Watermaster assistance in drafting a document that would include all proposed changes to the Restated Judgment, Peace and Peace II Agreements to advance further Pool and Advisory Committee discussion on settlement of the Appeal from the April 28, 2017 Court Order.

## BACKGROUND

Since the unexpected MWD rate structure change eliminated the Replenishment Rate, the transfer rate identified in Exhibit "G" has become the subject of annual negotiations between the Appropriative and Non-Agricultural Pools. The negotiations, when successful, have resulted in a Court filing requesting that the Court allow a deviation from the Judgment and the use of the negotiated rate for one year. This has happened on several occasions in the last few years.

During Fiscal Year 2017/18 the two Pools were unable to reach agreement on a transfer rate and the process did not function as intended. An agreed upon transfer rate is essential to facilitate the Exhibit "G" process and allow it to function predictably and smoothly each year.

## DISCUSSION

The language in Attachment 1 was developed through several discussions among a number of Non-Agricultural and Appropriative parties.

While Section 9(d) of Exhibit "G" to the Restated Judgment provides that available water will be purchased at "...92% of the then-prevailing "MWD Replenishment Rate"..." there is no requirement to develop a new transfer rate using any formula. In light of future uncertainty in rate structures, available supplies, and many other factors, using a formula would be an invitation to future renegotiations and uncertainty. The potential language in Attachment 1 would allow Non-Agricultural Pool parties, collectively, to annually set the asking price for any transfers, without using a formula and could lead to a more lasting solution to the need for a rate for these transfers.

Since no party is required to either buy or sell water through Exhibit "G" annual transfers, allowing the members of the Non-Agricultural Pool to determine their own asking price would be an incentive to be reasonable and set a transfer rate that reflects the market and will induce Appropriators to purchase water.

Ultimately a functional Exhibit "G" transfer process preserves a process for Non-Agricultural Pool parties whose production is less than their water rights to transfer their surplus water and make it available to Appropriators.

An amendment to the Exhibit "G" transfer rate would require Court approval. The Pools are being asked to offer their advice and assistance on developing language, such as that in Attachment 1, that would be acceptable to all parties and could be filed with the Court for its approval.

## ATTACHMENTS

1. Potential Modification to Exhibit "G" Transfer Rate language

Potential Modification to Exhibit "G" Transfer Rate language

(a) By December 31 of each year, the members of the Overlying (Non-Agricultural) Pool shall notify Watermaster of the amount of water each member shall make available in their individual discretion for purchase by the Appropriators, **and the price at which all the water made available is being offered to Appropriative Pool parties.** By January 31 of each year, Watermaster shall provide a Notice of Availability of each Appropriator's pro-rata share of such water;

(b) Except as they may be limited by paragraph 9(e) below, each member of the Appropriative Pool will have, in their discretion, a right to purchase its pro-rata share of the supply made available from the Overlying (Non-Agricultural) Pool at the price **at which the water is being offered established in 9(d) below.** Each Appropriative Pool member's pro-rata share of the available supply will be based on each Producer's combined total share of Operating Safe Yield and the previous year's actual Production by each party;

(c) If any member of the Appropriative Pool fails to irrevocably commit to their allocated share by March 1 of each year, its share of the Overlying (Non-Agricultural) Pool water will be made available to all other members of the Appropriative Pool according to the same proportions as described in 9(b) above and at the price **at which the water is being offered established in Paragraph 9(d) below.** Each member of the Appropriative Pool shall complete its payment for its share of water made available by June 30 of each year.

(d) Commensurate with the cumulative commitments by members of the Appropriative Pool pursuant to (b) and (c) above, Watermaster will purchase the surplus water made available by the Overlying (Non-Agricultural) Pool water on behalf of the members of the Appropriative Pool on an annual basis at **the price at which the water is being offered 92% of the then-prevailing "MWD Replenishment Rate"** and each member of the Appropriative Pool shall complete its payment for its determined share of water made available by June 30 of each year.

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PETER KAVOUNAS, P.E.  
General Manager

### STAFF REPORT

DATE: June 21, 2018  
TO: Advisory Committee Members  
SUBJECT: Peace Agreement Paragraph 5.3(e) Interpretation (Business Item II.D.)

#### SUMMARY

Issue: The practical meaning of Peace Agreement Paragraph 5.3(e) needs to be clarified by the parties for Watermaster to enforce.

Recommendation: Offer advice and assistance on the interpretation of the language.

Financial Impact: There is no financial impact as a result of the recommendation.

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#### ACTIONS:

**Appropriative Pool – June 14, 2018:** Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

**Non-Agricultural Pool – June 14, 2018:** Supports the interpretation that any individual Non-Agricultural Pool party can make direct arrangements with any individual Appropriative Pool party, and pursuant to those arrangements transfer their water to Watermaster toward the Desalter Replenishment Obligation of that individual Appropriative Pool party; the Non-Agricultural Pool directs Pool Counsel and Pool Chair to work with the Appropriative Pool Chair and Pool Counsel, and Watermaster to determine final language and implement the procedure allowing such transactions.

**Agricultural Pool – June 15, 2018:** Offered no advice

**Advisory Committee – June 21, 2018:** Voted unanimously to request Watermaster assistance in drafting a document that would include all proposed changes to the Restated Judgment, Peace and Peace II Agreements to advance further Pool and Advisory Committee discussion on settlement of the Appeal from the April 28, 2017 Court Order.

## BACKGROUND

Peace Agreement Paragraph 5.3(e) states:

*Watermaster shall approve the Transfer or lease of the quantified Production rights of Non-Agricultural Producers within the Non-Agricultural Pool subject to the provisions of paragraph (b) above. The right to Transfer within the pool includes the right to lease water to other members of the Non-Agricultural Overlying Pool. In addition, the parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter or for a Storage and Recovery Program.*

The practical application of the last sentence needs to be clarified for Watermaster to be able to administer this term of the Peace Agreement.

During 2015 the City of Ontario proposed an agreement with Watermaster that, if approved, would have provided clarity on the application of the language in question. The item was set aside at the time, though Watermaster provided background information to assist the parties in coming to a conclusion. The May 14, 2015 staff report is shown as Attachment 1 to this staff letter.

## DISCUSSION

The language of Peace Agreement 5.3(e) "...parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter..." makes clear that a transfer from a Non-Agricultural Pool party to Watermaster to offset Desalter replenishment obligation is permissible. As, other than the Non-Agricultural Pool "haircut", Watermaster has not yet assessed for Desalter Replenishment Obligations, what remains to be clarified is which parties' Desalter replenishment obligations could be offset by such transfers.

As discussed in the May 14, 2015 Watermaster staff report, a permissible interpretation is that a Non-Agricultural Pool party could transfer water to Watermaster to meet the Desalter replenishment obligation of a specific Appropriative Pool party.

Watermaster is seeking the advice and assistance of the parties and the Advisory Committee in making correct interpretations of such transfers. Once clarification is received Watermaster will develop any necessary process and forms to facilitate the transactions, and if necessary, will adopt an appropriate clarification in its Rules and Regulations.

## ATTACHMENTS

1. May 14, 2015 Staff Report Titled "City of Ontario Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment" (including 2 attachments)



## CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

### STAFF REPORT

DATE: May 14, 2015  
TO: Pool Committees  
SUBJECT: City of Ontario Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment

#### SUMMARY

Issue: The City of Ontario holds both appropriative and overlying water rights and is a member of both the Appropriative and Overlying (Non-Agricultural) Pools. It has indicated that a prospective purchase of water within the Overlying (Non-Agricultural) Pool is dependent upon learning whether it may dedicate a portion of water acquired to off-set a future Desalter replenishment obligation. It anticipates a future obligation to offset or replenish Desalter pumping and seeks confirmation, through an Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment, that it may satisfy its obligation through dedication of Safe Yield arising under its overlying water rights.

Recommendation: Review and recommend Board action as to the proposed Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment with the City of Ontario.

Financial Impact: None

#### Future Consideration

Non-Agricultural Pool: May 14, 2015; Review and recommend

Agricultural Pool: May 14, 2015; Review and recommend

Appropriative Pool: May 14, 2015; Review and recommend

Advisory Committee: May 21, 2015; Consideration of action

Watermaster Board: May 28, 2015; Consideration of action [Advisory Committee approval required]

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#### ACTIONS:

May 14, 2015 -Appropriative Pool -

May 14, 2015 - Non-Agricultural Pool -

May 14, 2015 - Agricultural Pool -

May 21, 2015 -Advisory Committee -

May 28, 2015 - Watermaster Board -

## BACKGROUND

The City of Ontario ("City") is a party to the Judgment and the owner of appropriative and overlying rights, and is a member of the Appropriative and Overlying (Non-Agricultural) Pools. The City has a prospective replenishment obligation attributable to the Desalters as a member of the Appropriative Pool. The City has indicated that it may wish to offset its Desalter Replenishment obligation through contribution of Safe Yield under its overlying water rights. The City has prepared an Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment ("Agreement") to confirm its ability to offset its Desalter Replenishment obligation in this manner.

## DISCUSSION

### The City

The City is an original party to the 1978 Judgment, pursuant to which it was made a member of the Appropriative Pool, with a 20.742% share of the Operating Safe Yield. The City intervened into the Judgment as an Overlying (Non-Agricultural) Party in September 2008. As a result of its original purchase subsequent transfers, as of May 1, 2015, it has 2,627.807 acre-feet of Safe Yield in the Overlying (Non-Agricultural) Pool ("Non-Ag Pool"), and has requested approval of the permanent transfer of an additional 282.981 acre-feet of Safe Yield in the Non-Ag Pool to be effective in FY15-16.

### Desalter Replenishment

#### A. The Development of the Desalter Replenishment Obligation

##### 1. The Peace Agreement

The obligation for Desalter Replenishment initially arises out of paragraph 7.5 of the Peace Agreement, which provides for replenishment for the Desalters from specified sources in a designated order of priority. Specifically, paragraph 7.5 provides for replenishment first from a Watermaster Desalter Replenishment account composed of 25,000 AF of water abandoned to the Basin by Kaiser<sup>1</sup> and other water previously dedicated for the same purpose, then New Yield of the Basin, Safe Yield of the Basin, and finally "Additional Replenishment Water purchased by Watermaster<sup>2</sup>, the costs of which shall be levied as an Assessment by Watermaster." (Peace Agreement, ¶ 7.5.)

##### 2. First Amendment to Peace Agreement

In 2004, based on changes implemented through the Regional Water Quality Control Board's Basin Plan Amendment for the Chino Basin and the resultant lack of development of previously anticipated "Salt Credits", some Parties to the Peace Agreement contended that they should be relieved of their obligation to provide a share of storm flow recharge New Yield for Desalter Replenishment (First Amendment to Peace Agreement, Recital B.) As a result, the Stormwater component of New Yield was dedicated to the members of the Appropriative Pool according to their percentages of Safe Yield, and was excepted from Desalter Replenishment under Peace Agreement § 7.5(b). (First Amendment to Peace Agreement, ¶ 2.)

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<sup>1</sup> This water was abandoned by Kaiser for this purpose pursuant to what Peace Agreement Section 7.2(a)(ii) refers to as "an agreement with the Watermaster, all Pools of Producers from the Chino Basin, Kaiser Ventures, Inc., formerly known as Kaiser Resources, Inc. (Kaiser) and the California Regional Water Quality Control Board, Santa Ana Region (RWQCB), regarding provision of certain water with which to satisfy the Replenishment obligation for operating the Desalter."

<sup>2</sup> Peace Agreement Section 5.3(e), describing the newly created mechanism through which members of the Overlying (Non-Agricultural) Pool could transfer water held in storage or pursuant to their annual production rights, provides that "the parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter..."

### 3. Peace II Agreement

The Peace II Agreement, which contemplated expansion of the Desalters, further expressed the hierarchy through which water could be dedicated to offset Desalter Production, designating that the Section 6.2 controls the process. (Peace II, § 6.1.) Section 6.2 of the Peace II Agreement (“Peace II Desalter Production Offsets”) provides that the Replenishment obligation attributable to Desalter production in any year will be determined by Watermaster by first applying a credit against the total quantity of Desalter Production from:

- (i) the Kaiser account (Peace Agreement Section 7.5(a).);
- (ii) dedication of water from the Overlying (Non-Agricultural) Pool Storage Account;
- (iii) New Yield (other than Stormwater (Peace Agreement Section 7.5(b)));
- (iv) any declared losses from storage in excess of actual losses enforced as a “Leave Behind”;
- (v) Safe Yield that may be contributed by the parties (Peace Agreement Section 7.5(c));
- (vi) Any Production of groundwater attributable to the controlled overdraft authorized pursuant to amended Exhibit I to the Judgment.

To the extent available credits applied pursuant to the hierarchy above are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Peace II Section 6.2(b) directs Watermaster to “use water or revenue obtained by levying...assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriative Pool to meet any remaining replenishment obligation.” (Peace II, § 6.2(b).)

Section 6.2(b) provides Watermaster shall first levy the Special OBMP Assessment against the Overlying (Non-Agricultural) Pool described in Exhibit “G” to the Judgment<sup>3</sup>, with water obtained through the assessment being dedicated by Watermaster to further off-set replenishment of the Desalters. (Peace II Agreement, § 6.2(b)(i).)

If, after application of the credits and water obtained pursuant to the Overlying (Non-Agricultural) Pool Special OBMP Assessment described above, a replenishment obligation remains, Watermaster is to levy a Replenishment Assessment against the Appropriative Pool, to be assessed pro-rata based on each Producer’s combined total share of Operating Safe Yield and the previous year’s actual production<sup>4</sup>, excluding Desalter Production.

### 4. Resolution 2010-04

In October 2010, after approval by the Pools and Advisory Committee, the Watermaster Board adopted Resolution 2010-04 in order to confirm the factual and legal assumptions of the Parties as they initiated the final required phase of the Desalter project. The resolution contains commitments by Watermaster and described commitments made by members of the Chino Desalter Authority (CDA) that facilitate the initiation of the final phase of the project.

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<sup>3</sup> Section 5(c) of the Overlying (Non-Agricultural) Pool Pooling Plan provides, “Special Project OBMP Assessment. Each year, every member of this Pool will dedicate ten (10) percent of their annual share of Operating Safe Yield to Watermaster or in lieu thereof Watermaster will levy a Special Project OBMP Assessment in an amount equal to ten percent of the Pool member’s respective share of Safe Yield times the then-prevailing MWD Replenishment Rate.”

<sup>4</sup> Exhibit “D” to Resolution 2010-04 stated that the intended allocation of the residual Replenishment obligation among the members of the Appropriative Pool would be on the basis of 50% Base Annual Production Right and 50% actual Production. It further stated that the formula is used elsewhere in the Peace II Agreement and it is commonly understood by the Parties to the Judgment and Watermaster to apply in this manner. Watermaster staff understands this allocation mechanism to be on the basis of 50% Operating Safe Yield and 50% assessable production, which is the same as that used for the allocation of stored water in the settlement agreements regarding the Overlying (Non-Agricultural) Pool Purchase and Sale Agreements and that provided for allocation of water available through Physical Solution Transfers pursuant to Paragraph 9(b) of Restated Judgment, Exhibit “G”.

Because the cost of Desalter Replenishment was anticipated to be significant<sup>5</sup>, as part of their agreement to move forward with the final portion of the Desalter project, the CDA members required certainty as to the manner in which Watermaster would implement Section 6.2 of the Peace II Agreement. The Parties' understanding of that implementation mechanism was included as Exhibit "D" to Resolution 2010-04, titled "Desalter Replenishment Post-Peace II Measures." (See Resolution 2010-04, Whereas Statement 72.) Exhibit "D" describes, by way of example, the manner in which a replenishment obligation might remain after the application of the credits described in the Peace II Section 6.2 hierarchy, described above,

Exhibit "D" further provides that it was the Parties' understanding that any individual member of the Appropriative Pool reserved its discretion to meet its Desalter Replenishment Obligation in any manner that it might choose that is otherwise consistent with the Judgment. By way of example, Exhibit "D" states that a party might "pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield<sup>6</sup>" to offset its individual Replenishment Assessment. In this manner, Desalter Replenishment is treated no differently than replenishment for pumping in excess of a party's annual production right: "Nothing contained with[in] Peace II and its treatment of Replenishment for the Desalters limited the pre-existing rights of the parties with respect to Replenishment."

The understanding of the Parties regarding their Desalter Replenishment obligations, as documented in Exhibit "D", was approved by the Court as part of its October 28, 2011 Order after Hearing on Motion for Approval of Watermaster Resolution 2010-04, which ordered,

17. Agreements among the Parties, whatever they may be, for Replenishment, operations, conditions and corresponding consideration without limitations, are unaffected by this determination. However, for the avoidance of doubt, Watermaster Resolution 2010-04, Exhibit "D" accurately summarizes and restates these obligations.

(October 28, 2011 Order after Hearing on Motion for Approval of Watermaster Resolution 2010-04.)

B. Appropriative Pool Parties may meet their Desalter Replenishment Obligations through Either Monetary or Water Contributions

As described above, the obligation for Desalter Replenishment, for existing Desalters is apportioned among the Parties to the Judgment in accordance with the hierarchy set forth in Peace II Section 6.2. Assuming that in a particular year that Desalter Production exceeded water made available through the application of the hierarchy, the remaining obligation would be assumed by the members of the Appropriative Pool in accordance with the melded Annual Production Right and Production formula.

As described above, in the creation of the Peace II Section 6.2 requirements, it was the Parties' understanding, endorsed by the Court in its approval of Resolution 2010-04, that the Members of the Appropriative Pool may meet their Desalter Replenishment Obligations in any manner they choose, including through contribution of water – through the acquisition of water by way of allowed water transfers, through the removal of water from a stored water account or through the assignment of a portion of an annual production right – or may contribute financially toward the necessary cost of offsetting their individual Replenishment Assessments.

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<sup>5</sup> The applicable replenishment obligation arises in regard to the Production of the existing Desalters, as the Production that would occur as a result of the expansion of the Desalters was completely offset through the apportionment of a portion of the 400,000 acre-feet of Re-Operation water, approved by the Court pursuant to Condition Subsequent No. 7.

<sup>6</sup> Watermaster has previously discussed mechanisms through which these contributions might be made – similar to preemptive replenishment, but there is no standard mechanism for the same. To date, no party has utilized this provision to dedicate Safe Yield for the purpose of offsetting Desalter obligations.

### The City's Proposed Agreement

The Agreement states that the City has acquired and may, in the future, acquire Overlying (Non-Agricultural) Pool water rights in Safe Yield, and hold this water in storage "with the intention of subsequently contributing this Safe Yield to Watermaster." (Agreement, ¶ 1.) The Agreement provides that if a Replenishment Obligation arises that is attributable to Desalter Production, as provided in Section 6.2 of the Peace II Agreement, the City may contribute Safe Yield attributable to its overlying rights in the Non-Agricultural Pool to Watermaster for the purpose of offsetting its individual Replenishment Obligation as a member of the Appropriative Pool. (Agreement, ¶ 2.) Upon such a contribution, Watermaster would make a corresponding adjustment to the City's assessment and thereby reduce the City's Replenishment obligation in an amount equal to the number of acre-feet contributed by the City in that year. (Agreement, ¶ 2.)

The City seeks the Agreement to confirm its reading of the Peace and Peace II Agreements that it might utilize Safe Yield from its Non-Ag overlying rights to satisfy its Desalter production offset obligations. Confirmation is sought as this mechanism – dedication of Safe Yield arising from an overlying right to satisfy a specific Appropriator's offset obligation – is not explicitly enumerated in the Peace or Peace II Agreements. Although this mechanism not explicitly enumerated in the Peace or Peace II Agreements, staff's interpretation is that the City's reading is permissible.

A question has arisen as to whether the allowance of such a dedication would be contrary to other provisions of the Watermaster guidance documents, particularly in regard to other provisions of the Non-Ag Pool's Pooling Plan (Exhibit "G" to the Restated Judgment). Section 9 of Exhibit "G" describes the manner in which water may be transferred from the Safe Yield rights of a member of the Overlying (Non-Agricultural) Pool, providing that, during the term of the Peace Agreement, members of the Non-Ag Pool may transfer their quantified Production rights and carry-over water held in storage accounts to other members of the Non-Ag Pool, and to Watermaster and thence to members of the Appropriative Pool in accordance with the clearinghouse process outlined therein, which provides all members of the Appropriative Pool the opportunity to purchase a pro rata share of water made available for transfer. (Restated Judgment, Exhibit "G", 9.)

Consistent with Section 5.3(e) of the Peace Agreement ("... parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment of a Desalter") Section 9 of Exhibit "G" additionally provides that such water may be directly transferred to Watermaster for replenishment purposes. Although this section does not expressly indicate that such a transfer may be earmarked to offset the obligation of a particular member of the Appropriative Pool, the language within Peace and Peace II Agreements is susceptible to a common sense interpretation that such dedication is permissible, and the mechanism is not expressly or impliedly limited under the Judgment, Peace I or Peace II, or Watermaster Rules and Regulations.

The Physical Solution Transfers authorized by the Peace Agreement and its progeny have always been construed as collective rights. To date, no party has articulated a good reason for requiring a gross dedication of Safe Yield for the benefit of all members of the Appropriative Pool where only one (or less than all) have provided the consideration for acquiring the underlying rights. Watermaster is seeking review and recommendation as to Watermaster's potential action to confirm that the City may satisfy its Replenishment obligation by dedicating Safe Yield arising under its overlying water rights, and enter into the draft Agreement, subject to obtaining Court approval.

### ATTACHMENTS

1. Agreement for the Conditional Contribution of Safe Yield to Offset Future Desalter Replenishment
2. Exhibit "D" to Watermaster Resolution 2010-04

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**AGREEMENT FOR THE CONDITIONAL CONTRIBUTION  
OF SAFE YIELD TO OFFSET FUTURE DESALTER REPLENISHMENT**

**WHEREAS**, Watermaster is charged with responsibility to administer the Judgment and the Optimum Basin Management Program ("OBMP");

**WHEREAS**, a substantial Replenishment Obligation for the Chino Basin Desalters is projected to arise starting as soon as next fiscal year;

**WHEREAS**, the City of Ontario ("City") is a party to the Judgment and the owner of appropriative and overlying rights and is a member of the Appropriative and Overlying (Non-Agricultural) Pools;

**WHEREAS**, the Judgment allocates the Basin's Safe Yield among the Appropriative, Overlying (Agricultural) and Overlying (Non-Agricultural) Pools;

**WHEREAS**, the City has acquired, and intends to acquire rights to a portion of the Safe Yield allocated among the members of the Overlying (Non-Agricultural) Pool;

**WHEREAS**, Section 9 of the Overlying (Non-Agricultural) Pooling Plan, Exhibit G to the Judgment, provides that members of the Pool may transfer their quantified Production rights "to Watermaster in conformance with the procedures described in the Peace Agreement between the Parties therein, dated June 29, 2000." Said Peace Agreement at Section 5.3 (e) provides that "parties to the Judgment with rights within the Non-Agricultural Pool shall have the additional right to Transfer their rights to Watermaster for the purposes of Replenishment for a Desalter....";

**WHEREAS**, Section 7.5(c) of the Peace Agreement provides that "Safe Yield" may be utilized for replenishment of Desalter production;

**WHEREAS**, pursuant to Peace Agreement II Section 6.2(a), which cites Section 7.5(c) of the Peace Agreement, Watermaster will determine the Replenishment Obligation attributable to the Desalters after taking into account Safe Yield "contributed by the parties";

**WHEREAS**, Exhibit D to Watermaster Resolution 2010-04, states that a party might pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield to offset its individual Replenishment Assessment attributable to the Desalters.

**WHEREAS**, the City has a prospective Replenishment Obligation attributable to the Desalters as an individual member of the Appropriative Pool, which it may desire to offset through contribution of Safe Yield;

**WHEREAS**, Watermaster has previously acquired Safe Yield from other Parties to offset subsequent Desalter Replenishment obligations;

**WHEREAS**, the City intends to conditionally contribute Safe Yield acquired from the Overlying (Non-Agricultural) Pool to Watermaster in accordance with the provisions of

the Peace and Peace II Agreements;

**NOW THEREFORE**, the parties agree as follows:

**AGREEMENT**

1. City Acquisition of Safe Yield. The City has acquired and may, in the future, validly acquire Overlying (Non-Agricultural) Pool water rights in Safe Yield from Parties to the Judgment and hold this water in Local Storage with the intention of subsequently contributing this Safe Yield to Watermaster, provided that it complies with all Watermaster rules and regulations concerning the beneficial use and storage of Basin Water, including but not limited to the application of an annual loss from storage until a contribution occurs or the City otherwise elects to use the Safe Yield for another permissible purpose.

2. Contribution. At any time after the date of execution of this Agreement, if a Replenishment Obligation arises that is attributable to Desalter Production, the City may contribute Safe Yield, attributable to its overlying rights in the Non-Agricultural Pool, to Watermaster for the purpose of offsetting its individual Replenishment Obligation as a member of the Appropriative Pool or otherwise. Upon a City contribution, Watermaster will make a corresponding adjustment to the City's assessment and thereby reduce the City's Replenishment obligation in an amount equal to the number of acre-feet contributed by the City in that year.

3. No Prejudice. The execution of this Agreement will be without prejudice to the City's right to use the acquired Safe Yield for permissible purposes under the Judgment.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

**CHINO BASIN WATERMASTER**

By:

\_\_\_\_\_  
Name:  
Title:

**CITY OF ONTARIO**

By:

\_\_\_\_\_  
Name:  
Title:

## EXHIBIT "D"

### DESALTER REPLENISHMENT POST-PEACE II MEASURES

#### Summary

Desalter Replenishment is controlled by Peace II Section 6.2, attached hereto. As a result of the methodology referenced below, Western Municipal Water District (WMWD) will not incur any replenishment obligation for the 9 mgd expansion. This follows from the fact that WMWD is not a member of the Appropriative Pool and it was not required to become one as a precondition to the approval of the Peace II Measures, although it may elect in its discretion to do so.

WMWD has no share of Operating Safe Yield. Because the formula for apportioning the cost of Replenishment set forth in Section 6.2 attributable to the Desalters expressly excluded Production from the Desalters from the calculation of responsibility, even WMWD's intervention into the Appropriative Pool would not trigger a Replenishment obligation for WMWD. Specifically, without a share of Operating Safe Yield or any eligible groundwater production, there would be no basis to assess WMWD for a Replenishment Assessment.

It is also true that to the extent WMWD shared a portion of its rights to the 9 mgd expansion with Jurupa Community Services District and the City of Ontario as contemplated by Article VI, there would be no impact on the net Replenishment obligation of any other Party to the Judgment because all of the projected groundwater production planned for the proposed 9 mgd expansion was to be offset by the apportionment of 175,000 acre-feet for this purpose; both in the Court proceeding and in the filing in compliance with Condition Subsequent Number 7 (attached hereto as Exhibit "B").<sup>1</sup> (See below.) Replenishment attributable to the Chino I and Chino II Desalters is also addressed by formula in Peace Agreement II Section 6.2(b)(ii).

#### Replenishment Example

The obligation for Desalter Replenishment, for existing Desalters (as the Expansion was fully offset) was apportioned among the Parties to the Judgment in accordance with the hierarchy set forth in Peace Agreement II Section 6.2. Thus, assuming in Year X, there was 35,000 acre-feet of Desalter Production, the stated hierarchy of sources would be applied to satisfy the cumulative demand.

- (1) Kaiser: (Peace Agreement II Section 6.2(a)(i))

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<sup>1</sup> Subject to an adjustment in the schedule to reflect actual operations.

- (2) No Ag Dedication (Peace Agreement II Section 6.2(a)(ii))
- (3) New Yield other than Storm Water (Peace Agreement II Section 6.2(a)(iii))
- (4) Losses from Storage and Recovery Agreements enforced as a Leave Behind (Peace Agreement II Section 6.2(a)(iv)).
- (5) Contributed safe yield (Peace Agreement II Section 6.2(a)(v))
- (6) Controlled Overdraft as authorized (175 / 225). (Judgment Exhibit I.

Assuming for purposes of this example that the sum of (1)-(5) referenced above in Year X was 10,000 acre-feet, there would be a total Replenishment Requirement of 25,000 acre-feet. That quantity apportioned to the Expansion would be apportioned 10,000 acre-feet to offset that production (assuming the schedule is adhered to) and the balance would be assumed by the Appropriative Pool in accordance with the formula set forth in Section 6.2(b)(ii). In summary, that formula divides the residual Replenishment obligation among the members of the Appropriative Pool on the basis of 50% Base Annual Production Right and 50% actual Production. The actual language of Section 6.2(b)(ii) reads slightly different, but it is not inconsistent. This formula is used elsewhere in the Peace II Agreement and it is commonly understood by the Parties to the Judgment and Watermaster to apply in the manner described in this paragraph and this Exhibit.

The formula expressly, albeit provisionally, excludes Desalter Production from the calculation. This means that the 25,000 acre-feet of production in this example attributed to the Desalters would not form a basis to assess any member of CDA a larger assessment simply because they received desalted water. However, if there is a material reduction in the cost of desalted water, this provision was subject to a re-opener. (See below)

This structure preserves the intention of the parties, the Court and Watermaster to remove the Replenishment obligation from the cost consideration of the Expansion Project. The Replenishment obligation attributed to the Chino I and Chino II Desalters was a pre-existing and known obligation prior to Peace II. The use of water made available by the Peace II Measures substantially reduced the projected Replenishment obligation by 225,000 acre-feet.

It is true that there is a provision in Peace Agreement Section 6.2(b)(ii) that reflects that the exclusion of the Desalter production from the calculation might be revisited if the costs of water from the Desalters were to be materially reduced. However, as of October 28, 2010, Watermaster has no present information and thus no good cause that would suggest that the cost of product water from the Desalters is going to be substantially less than the negotiated price cap. Consequently it would appear that there is no present basis to reconsider this element although Watermaster and the Court would be authorized to revisit this provision if good cause were subsequently presented.

The treatment of Replenishment in any Renewal Term (Post-Peace Agreement 2030) is the subject of negotiation. (Peace Agreement II, Section 6.2(c).). This means that the inter-se allocation of the 400,000 acre-feet is fully addressed during the term of the Peace Agreement. The Parties to the Judgment are free to extend the Peace Agreement for the Renewal Term or to renegotiate any provision as a condition of extension.

Any individual member of the Appropriative Pool reserves discretion to meet their Replenishment Obligation in any manner that they may choose that is otherwise consistent with the Judgment. For example, a party may pursue water transfers, remove water from a stored water account or assign a share of Operating Safe Yield to offset their individual Replenishment Assessment. Nothing contained with Peace II and its treatment of Replenishment for the Desalters limited the pre-existing rights of the parties with respect to Replenishment.

#### Allocation of 400,000 Acre-Feet

As far as the inter-se apportionment of the allocation, Section 7 of the Peace II Agreement contemplated a fair process to arrive at an apportionment. An initial schedule was transmitted to the Court in response to the Court Order. The schedule was the subject of testimony and further reporting and ultimately a requirement for a schedule to be filed in connection with Condition Subsequent Number 7.

Watermaster filed its apportionment in response to Condition Subsequent Number 7, allocating 175,000 acre-feet to the expansion and 225,000 to the existing Desalters.

Peace Agreement II Section 7.2(e)(ii) authorizes Watermaster to propose revisions to the proposed schedule where good cause exists – supported by a technical explanation. A potential cause to revise the schedule might include the Expansion Project's failure to extract the allocated quantities as a result of delays in construction and operation. It is possible that there may be other public policy reasons that support other potential causes that would support a revision of the schedule, but no such reason has been presented to Watermaster.

In general, modest corrections are fairly likely to be acceptable. Material deviations may suggest a failure in one or more purposes of the OBMP Implementation Plan, and Watermaster is unable to predict how it may respond to the failure of the Expansion Project to proceed as planned.

#### Legal Effect of WMWD Intervention in the Appropriative Pool

As noted above, there is no requirement in the Peace II Measures that WMWD intervene into the Appropriative Pool. There is a requirement that

WMWD make the Appropriative Pool whole for historic contributions under Peace Agreement II Section 5.5(e). The requirements set forth in Section 5.5(e) of the Peace II Agreement have been satisfied by WMWD's assumption of project risk, out-of-pocket costs presently in excess of \$5 million (\$15 million for the Expansion Parties) and the further assumption of capital and operations and maintenance costs in excess of expectations (the cost-cap as for WMWD's portion of expenses. However, this finding is made only with regard to WMWD's obligation under Section 5.5 to complete final binding agreement(s) regarding Future Desalters. This finding is not intended to have any bearing or impact on the sufficiency of WMWD's assumption of risk and costs for any other purpose, including the availability of a reduced uniform loss percentage under Peace II Agreement Section 7.4. This finding also does not affect WMWD's rights or obligations to intervene into the Appropriative Pool on the terms and conditions that may be fairly agreed among the Appropriative Pool and WMWD.

#### Transferability of 400,000 Acre-Feet

There is no allocation of any portion of the 400,000 acre-feet to any individual party. The water is made available for the express purpose of offsetting Desalter production in furtherance of obtaining Hydraulic Control through Re-Operation. The water is apportioned as provided in Watermaster's Response to Condition Subsequent Number 7 to the December 21, 2007 Order of the Court.

**EXHIBIT D-1**

**PEACE II AGREEMENT:  
PARTY SUPPORT FOR WATERMASTER'S OBMP  
IMPLEMENTATION PLAN, –  
SETTLEMENT AND RELEASE OF CLAIMS  
REGARDING FUTURE DESALTERS**

6.2 Peace II Desalter Production Offsets. To facilitate Hydraulic Control through Basin Re-Operation, in accordance with the 2007 Supplement to the OBMP Implementation Plan and the amended Exhibits G and I to the Judgment, additional sources of water will be made available for purposes of Desalter Production and thereby some or all of a Replenishment obligation. With these available sources, the Replenishment obligation attributable to Desalter production in any year will be determined by Watermaster as follows:

- (a) Watermaster will calculate the total Desalter Production for the preceding year and then apply a credit against the total quantity from:
  - (i) the Kaiser account (Peace Agreement Section 7.5(a).);
  - (ii) dedication of water from the Overlying (Non-Agricultural) Pool Storage Account;
  - (iii) New Yield (other than Stormwater (Peace Agreement Section 7.5(b)));
  - (iv) any declared losses from storage in excess of actual losses enforced as a "Leave Behind";
  - (v) Safe Yield that may be contributed by the parties (Peace Agreement Section 7.5(c));
  - (vi) any Production of groundwater attributable to the controlled overdraft authorized pursuant to amended Exhibit I to the Judgment.
  
- (b) To the extent available credits are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Watermaster will use water or revenue obtained by levying the following assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriative Pool to meet any remaining replenishment obligation as follows.

- (i) A Special OBMP Assessment against the Overlying (Non-Agricultural) Pool as more specifically authorized and described in amendment to Exhibit "G" paragraph 8(c) to the Judgment will be dedicated by Watermaster to further off-set replenishment of the Desalters. However, to the extent there is no remaining replenishment obligation attributable to the Desalters in any year after applying the off-sets set forth in 6.2(a), the OBMP Special Assessment levied by Watermaster will be distributed as provided in Section 9.2 below. The Special OBMP Assessment will be assessed pro-rata on each member's share of Safe Yield, followed by
  - (ii) A Replenishment Assessment against the Appropriative Pool, pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production. Desalter Production is excluded from this calculation. However, if there is a material reduction in the net cost of Desalter product water to the purchasers of product water, Watermaster may re-evaluate whether to continue the exclusion of Desalter Production but only after giving due regard to the contractual commitment of the parties.
  - (iii) The quantification of any Party's share of Operating Safe Yield does not include the result of any land use conversions.
- (c) The rights and obligations of the parties, whatever they may be, regarding Replenishment Assessments attributable to all Desalters and Future Desalters in any renewal term of the Peace Agreement are expressly reserved and not altered by this Agreement.



## CHINO BASIN WATERMASTER

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PETER KAVOUNAS, P.E.  
General Manager

### STAFF REPORT

DATE: June 21, 2018  
TO: Advisory Committee Members  
SUBJECT: Amendments to Judgment and CAMA to Implement Settlement Agreement Regarding Appeal from April 28, 2017 Order (Business Item II.E.)

#### SUMMARY

Issue: The parties to the appeal from the April 28, 2017 Order are proposing amendments to the Judgment and CAMA. These are being presented to the Pools for consideration.

Recommendation: Discuss and offer advice.

Financial Impact: There is no financial impact associated with the above recommendation.

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#### ACTIONS:

**Appropriative Pool – June 14, 2018:** Gave permission to its Legal Counsel to work with Watermaster's Legal Counsel to work as to the process of bringing the item forward.

**Non-Agricultural Pool – June 14, 2018:** Directed Pool Counsel to review the proposed changes to the Judgment and specifically request that Paragraph 5.3(e) interpretation be included in a revised settlement agreement draft.

**Agricultural Pool – June 15, 2018:** Offered no comments at this time.

**Advisory Committee – June 21, 2018:** Voted unanimously to request Watermaster assistance in drafting a document that would include all proposed changes to the Restated Judgment, Peace and Peace II Agreements to advance further Pool and Advisory Committee discussion on settlement of the Appeal from the April 28, 2017 Court Order.

## BACKGROUND

The parties to the Appeal from the April 28, 2017 Order are proposing changes to the Judgment, Peace Agreement and Peace II Agreement, as a means of implementing a settlement agreement to dispose of the pending appeal.

The parties to the appeal also suggest there may be an erroneous reference in Peace II, which could be corrected as part of the same process. In sections 6.2(b)(i) and 9.2(a), "paragraph 8(c)" should be "paragraph 5(c)".

## DISCUSSION

The proposed amendments including exhibits were transmitted electronically to the Watermaster distribution list on Friday June 8, 2018 and are shown as Attachment 1. The Pools are requested to discuss these and offer advice.

## ATTACHMENTS

1. Work product of parties to the Appeal from April 28, 2017 Order titled "Proposed Changes to Judgment and CAMA"

DRAFT LSGK 6/6/2018

## **Proposed Changes to Judgment and CAMA**

**1. As provided in the 2017 Order, paragraph 6 of the Judgment is amended to read as follows:**

6. Safe Yield. The Safe Yield of Chino Basin is *135,000* ~~140,000~~ acre-feet per year.

**2. The introductory sentence to Exhibit H, ¶10 of the Judgment is amended to read as follows:**

10. Unallocated Safe Yield Water. To the extent that, in any *year* ~~five years~~, any portion of the share of Safe Yield allocated to the Overlying (Agricultural) Pool is not produced, such water shall be available for reallocation to members of the Appropriative Pool, as follows:

**3. Section 1.1(o) of the Peace Agreement is amended to read as follows:**

(o) “Early Transfer” means the reallocation of Safe Yield not Produced by the Agricultural Pool to the Appropriative Pool on an annual basis *after all land use conversion claims are satisfied* rather than according to the five year increment described in Paragraph 10 of Exhibit “H” of the Judgment;

**4. Section 5.3(g) of the Peace Agreement is amended to read as follows:**

(g) Watermaster shall approve an “Early Transfer” of water to the Appropriative Pool ~~in an amount not less than 32,800 acre feet per year that is the expected approximate quantity of water not Produced by the Agricultural Pool~~ *on an annual basis* ~~The quantity of water subject to Early Transfer under this paragraph shall be the greater of (i) 32,800 acre feet of (ii) 32,800 acre feet plus the actual quantity of water not Produced by the Agricultural Pool for that Fiscal Year that is remaining after all the land use conversions are satisfied pursuant to 5.3~~ *(hi)* below.

- (i) The Early Transfer water shall be annually allocated among the members of the Appropriative Pool in accordance with their pro-rata share of the initial Safe Yield.
- (ii) The Transfer shall not limit the Production right of the Agricultural Pool under the Judgment to Produce up to 82,800 acre-feet of water in any year or 414,000 acre feet in any five years as provided in the Judgment.
- (iii) The combined Production of all parties to the Judgment shall not cause a Replenishment assessment on the members of the Agricultural Pool. The Agricultural Pool shall be responsible for any Replenishment obligation created by the Agricultural Pool Producing more than 414,000 acre-feet in any five-year period.
- (iv) The parties to the Judgment and Watermaster shall Produce water in accordance with the Operating Safe Yield and shall procure sufficient quantities of Replenishment Water to satisfy over-Production requirements, whatever they may be, and avoid Material Physical Injury to any party to the Judgment or the Basin;
- (v) Nothing herein shall be construed as modifying the procedures or voting rights within or by the members of the Agricultural Pool.

**5. Subparagraph (b)(3)(i) of Exhibit H, ¶ 10 of the Judgment is amended to read as follows:**

(i) For the term of the Peace Agreement *and any extension thereof*, in any year in which sufficient unallocated Safe Yield from the Overlying (Agricultural) Pool is available for such conversion claims, Watermaster shall allocate to each appropriator with a conversion claim 2.0 acre-feet of unallocated Safe Yield water for each converted acre for which conversion has been approved and recorded by the Watermaster.

**6. Pursuant to section 7.2(e)(ii) of the Peace II Agreement, 175,000 acre-feet of controlled overdraft (Re-Operation water) will be allocated to Desalter replenishment over a 17-year period, beginning in 2013-14 and ending in 2029-30, according to the schedule attached as Exhibit A.**

**7. Section 7.1 of the Peace II Agreement, entitled “New Yield Attributable to Desalters,” is deleted. It is replaced by new section 6.2(b)(ii) as set forth below.**

**8. Section 6.2(b) of the Peace II Agreement is amended to read as follows:**

(b) To the extent available credits are insufficient to fully offset the quantity of groundwater production attributable to the Desalters, Watermaster will use water or revenue obtained by levying the following assessments among the members of the Overlying (Non-Agricultural) Pool and the Appropriative Pool to meet any remaining replenishment obligation as follows.

(i) A Special OBMP Assessment against the Overlying (Non-Agricultural) Pool as more specifically authorized and described in amendment to Exhibit “G” paragraph 8(c) to the Judgment will be dedicated by Watermaster to further off-set replenishment of the Desalters. However, to the extent there is no remaining replenishment obligation attributable to the Desalters in any year after applying the off-sets set forth in 6.2(a), the OBMP Special Assessment levied by Watermaster will be distributed as provided in section 9.2 below. The Special OBMP Assessment will be assessed pro-rata on each member’s share of Safe Yield, followed by

*(ii) The members of the Appropriative Pool will contribute a total of 10,000 afy toward Desalter replenishment, allocated among Appropriative Pool members as follows:*

- (1) 85% of the total (8,500 afy) will be allocated according to the Operating Safe Yield percentage of each Appropriative Pool member; and*
- (2) After all unproduced Overlying (Agricultural) Pool water is allocated pursuant to Exhibit H, paragraph 10 of the Judgment, 15% of the total (1,500 afy) will be allocated according to each land use conversion agency’s percentage of the total land use conversion claims in a particular year. The formula is to be adjusted annually based on the actual land use conversion allocations of the year.*

*The annual desalter replenishment obligation contribution of each Appropriative Pool member will be calculated using the following formula:*

***Desalter replenishment obligation contribution = (8,500 \* % Appropriator's share of total initial 49,834 afy Operating Safe Yield) + (1,500 \* % Appropriator's proportional share of that year's total conversion claims)***

*A sample calculation of the desalter replenishment obligation contribution for each Appropriative Pool member is shown on Exhibit \_\_ to this Peace II Agreement, as amended.*

(iii) ~~(ii)~~-A Replenishment Assessment against the Appropriative Pool *for any remaining Desalter replenishment obligation, allocated pro-rata to each Appropriative Pool member according to the combined total of the member's share of Operating Safe Yield and the member's Adjusted Physical Production, as defined below.* ~~pro-rata based on each Producer's combined total share of Operating Safe Yield and the previous year's actual production. Desalter Production is excluded from this calculation. A sample calculation of the allocation of the remaining desalter obligation is shown in Exhibit \_\_ to this Peace II Agreement. However, if there is a material reduction in the net cost of Desalter product water to the purchasers of product water, Watermaster may re-evaluate whether to continue the exclusion of Desalter Production but only after giving due regard to the contractual commitment of the parties.~~

(iv) *Adjusted Physical Production for a particular year is the Appropriative Pool member's total combined physical production (i.e., all groundwater pumped or produced by the Appropriative Pool member's groundwater wells in the Chino Basin), with the following adjustments:*

- (1) *In the case of assignments among Appropriative Pool members, or between Appropriative Pool members and Non-Agricultural Pool members, resulting in pumping or production by one party to the Judgment for use by another party to the Judgment, the production for purposes of Adjusted Physical Production shall be assigned to the beneficiary, not the actual producer.*
- (2) *Production offset credits pursuant to voluntary agreements under section 5.3(i) of the Peace Agreement are calculated at 50% of the total voluntary agreement credit in the determination of Adjusted Physical Production for an Appropriative Pool member participating in a voluntary agreement for that year. In the determination of Adjusted Physical Production, the voluntary agreement credit is subtracted from physical production. Reduction of the voluntary agreement credit from 100% to 50% is applicable only to the calculation of the Adjusted Physical Production hereunder; but in all other applications, the voluntary agreement credit shall remain unchanged (i.e. remain at 100%).*
- (3) *Production associated with approved storage and recovery programs (e.g., Dry Year Yield recovery program with MWD) is not counted in Adjusted Physical Production, except that in-lieu participation in such programs shall be added to Adjusted Physical Production.*

- (4) *Production that is subsequently recharged to the groundwater basin within the same Year is not counted in Adjusted Physical Production.*
- (5) *The Appropriative Pool may approve, by unanimous vote, the inclusion of other items in the determination of Adjusted Physical Production.*
- (v) *Any member of the Appropriative Pool that holds Non-Agricultural-Pool water rights as a member of the Non-Agricultural Pool may, in its sole discretion, use them to satisfy its desalter replenishment obligation under this section 6.2(b). Eligible Non-Agricultural-Pool rights are limited to water held in storage as of June, 2017, and annually recurring Non-Agricultural-Pool water rights held as a member of the Non-Agricultural Pool. Eligible Non-Agricultural-Pool rights exclude rights already dedicated to the Special Project OBMP Assessment (10% haircut) under section 6.2(b)(i), and any stored water purchased or water rights leased or temporarily transferred directly from a member of the Non-Agricultural Pool pursuant to Exhibit G, ¶9(i) of the Judgment after June, 2017.*
- (vi) ~~(iii)~~ *The quantification of any Party's share of Operating Safe Yield does not include either land use conversions or Early Transfers.*

COMPROMISE AND SETTLEMENT DOCUMENT  
 Schedule for Use of ReOperation Water  
 5/16/2018

**NEW PROPOSAL**

Production Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Peace I Desalter Production	29,227.997	29,541.300	27,008.810	26,275.588	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000
Peace II Desalter Production	14.555	448.690	1,154.052	1,527.215	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000
<b>AP "DRO Contribution"</b>	<b>(10,000.000)</b>								
ReOp Water	<b>(12,500.000)</b>								
NonAg Assessment	0.000	0.000	0.000	<b>(735.000)</b>	<b>(735.000)</b>	<b>(735.000)</b>	<b>(735.000)</b>	<b>(735.000)</b>	<b>(735.000)</b>
Remaining DRO	6,742.552	7,489.990	5,662.862	4,567.803	16,765.000	16,765.000	16,765.000	16,765.000	16,765.000

Production Year	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Peace I Desalter Production	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000	30,000.000
Peace II Desalter Production	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000	10,000.000
<b>AP "DRO Contribution"</b>	<b>(10,000.000)</b>							
ReOp Water	<b>(12,500.000)</b>	<b>(12,500.000)</b>	<b>(12,500.000)</b>	<b>(5,000.000)</b>	<b>(5,000.000)</b>	<b>(5,000.000)</b>	<b>(5,000.000)</b>	<b>(5,000.000)</b>
NonAg Assessment	<b>(735.000)</b>							
Remaining DRO	16,765.000	16,765.000	16,765.000	24,265.000	24,265.000	24,265.000	24,265.000	24,265.000

**Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2013-14**

Production Year 2013/2014 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

P118

Appropriative Pool Party	Production Year 2013/14 Common Data (Headings from Approved 2014/2015 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Land Use Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,133.906	4.334%	327.335	65.013	392.348
Chino, City of	7.357%	7,623.064	29.138%	625.345	437.074	1,062.419
Cucamonga Valley Water District	6.601%	598.364	2.287%	561.085	34.308	595.393
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.188%	0.170	47.818	47.988
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	13,876.196	53.040%	319.515	795.602	1,115.117
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	55.075	0.211%	747.745	3.158	750.903
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,041.095	7.802%	1,763.070	117.028	1,880.098
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	26,161.700	100.000%	8,500.000	1,500.000	10,000.000

**Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2014/15**

Production Year 2014/15 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

P119

Appropriative Pool Party	Production Year 2014/15 Common Data (Headings from Approved 2015/2016 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Use Land Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.568%	327.335	68.522	395.857
Chino, City of	7.357%	7,860.248	29.365%	625.345	440.472	1,065.817
Cucamonga Valley Water District	6.601%	598.364	2.235%	561.085	33.531	594.616
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.116%	0.170	46.736	46.906
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,060.392	52.528%	319.515	787.915	1,107.430
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	55.075	0.206%	747.745	3.086	750.831
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,136.725	7.983%	1,763.070	119.738	1,882.808
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	26,767.578	100.000%	8,500.000	1,500.000	10,000.000

**Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2015/16**

Production Year 2015/16 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

P120

Appropriative Pool Party	Production Year 2015/16 Common Data (Headings from Approved 2016/2017 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Use Land Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.455%	327.335	66.818	394.153
Chino, City of	7.357%	8,309.518	30.271%	625.345	454.069	1,079.414
Cucamonga Valley Water District	6.601%	598.364	2.180%	561.085	32.697	593.782
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	3.038%	0.170	45.573	45.743
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,201.712	51.736%	319.515	776.045	1,095.560
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	67.615	0.246%	747.745	3.695	751.440
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,216.205	8.074%	1,763.070	121.103	1,884.173
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	27,450.188	100.000%	8,500.000	1,500.000	10,000.000

**Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2016/17**

Production Year 2016/17 Desalter Replenishment Obligation (DRO) Contribution:

10,000.000 AF

Appropriative Pool Party	Production Year 2016/17 Common Data (Headings from Approved 2017/2018 Assessment Package)			Methodology for 85/15 split between shares of Operating Safe Yield and % of Land Use Conversions		
	a	b	c = %b	d = (DRO Contrib*.85)*a	e = (DRO Contrib*.15)*c	f = d + e
	Percent of Operating Safe Yield (Column 2A)	Land Use Conversions (Page 12A)*	Percent of Land Conversions Use	85% DRO Contribution Based on Percent of Operating Safe Yield	15% DRO Contribution Based on Percent of Land Use Conversions	Desalter Replenishment Obligation Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.000	0.000%	0.000	0.000	0.000
Chino Hills, City of	3.851%	1,222.774	4.321%	327.335	64.821	392.156
Chino, City of	7.357%	8,455.798	29.884%	625.345	448.257	1,073.602
Cucamonga Valley Water District	6.601%	598.364	2.115%	561.085	31.720	592.805
Fontana Union Water Company	11.657%	0.000	0.000%	990.845	0.000	990.845
Fontana Water Company	0.002%	834.000	2.947%	0.170	44.212	44.382
Fontana, City of	0.000%	0.000	0.000%	0.000	0.000	0.000
Golden State Water Company	0.750%	0.000	0.000%	63.750	0.000	63.750
Jurupa Community Services District	3.759%	14,605.072	51.616%	319.515	774.240	1,093.755
Marygold Mutual Water Company	1.195%	0.000	0.000%	101.575	0.000	101.575
Monte Vista Irrigation Company	1.234%	0.000	0.000%	104.890	0.000	104.890
Monte Vista Water District	8.797%	67.615	0.239%	747.745	3.584	751.329
Niagara Bottling, LLC	0.000%	0.000	0.000%	0.000	0.000	0.000
Nicholson Trust	0.007%	0.000	0.000%	0.595	0.000	0.595
Norco, City of	0.368%	0.000	0.000%	31.280	0.000	31.280
Ontario, City of	20.742%	2,511.989	8.878%	1,763.070	133.165	1,896.235
Pomona, City of	20.454%	0.000	0.000%	1,738.590	0.000	1,738.590
San Antonio Water Company	2.748%	0.000	0.000%	233.580	0.000	233.580
San Bernardino, County of (Shooting Park)	0.000%	0.000	0.000%	0.000	0.000	0.000
Santa Ana River Water Company	2.373%	0.000	0.000%	201.705	0.000	201.705
Upland, City of	5.202%	0.000	0.000%	442.170	0.000	442.170
West End Consolidated Water Co	1.728%	0.000	0.000%	146.880	0.000	146.880
West Valley Water District	1.175%	0.000	0.000%	99.875	0.000	99.875
	100.000%	28,295.612	100.000%	8,500.000	1,500.000	10,000.000

P121

**Appropriative Pool Desalter Replenishment Obligation Contributions - Production Year 2013/14 - 2016/17**

P122

Appropriative Pool Party	Production Years				
	2013/14	2014/15	2015/16	2016/17	TOTAL
	Arrowhead Mtn Spring Water Co	-	-	-	-
Chino Hills, City of	392.35	395.86	394.15	392.16	1,574.514
Chino, City of	1,062.42	1,065.82	1,079.41	1,073.60	4,281.252
Cucamonga Valley Water District	595.39	594.62	593.78	592.81	2,376.596
Fontana Union Water Company	990.85	990.85	990.85	990.85	3,963.380
Fontana Water Company	47.99	46.91	45.74	44.38	185.019
Fontana, City of	-	-	-	-	0.000
Golden State Water Company	63.75	63.75	63.75	63.75	255.000
Jurupa Community Services District	1,115.12	1,107.43	1,095.56	1,093.76	4,411.862
Marygold Mutual Water Company	101.58	101.58	101.58	101.58	406.300
Monte Vista Irrigation Company	104.89	104.89	104.89	104.89	419.560
Monte Vista Water District	750.90	750.83	751.44	751.33	3,004.503
Niagara Bottling, LLC	-	-	-	-	0.000
Nicholson Trust	0.60	0.60	0.60	0.60	2.380
Norco, City of	31.28	31.28	31.28	31.28	125.120
Ontario, City of	1,880.10	1,882.81	1,884.17	1,896.23	7,543.314
Pomona, City of	1,738.59	1,738.59	1,738.59	1,738.59	6,954.360
San Antonio Water Company	233.58	233.58	233.58	233.58	934.320
San Bernardino, County of (Shooting Park)	-	-	-	-	0.000
Santa Ana River Water Company	201.71	201.71	201.71	201.71	806.820
Upland, City of	442.17	442.17	442.17	442.17	1,768.680
West End Consolidated Water Co	146.88	146.88	146.88	146.88	587.520
West Valley Water District	99.88	99.88	99.88	99.88	399.500
	10,000.00	10,000.00	10,000.00	10,000.00	40,000.000

**Appropriative Pool: Remaining Desalter Replenishment Obligation (RDRO) - Production Year 2013-14**

Remaining Desalter Replenishment Obligation (RDRO):

CDA Production - Peace I Allocation	29,227.997
CDA Production - Peace II Allocation	14,555
<b>Total Desalter Replenishment Obligation (Total DRO):</b>	<b>29,242.552</b>
Desalter Replenishment Obligation Contribution (DROC)	<b>(10,000.000)</b>
Reoperation Water (approved in Peace II)	<b>(12,500.000)</b>
<b>RDRO</b>	<b>6,742.552</b>

acre-feet

P123

Appropriative Pool Party	Operating Safe Yield	Production Year 2013/14 Common Data (From Approved 2014/2015 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	379.111	0.000	0.000	0.000	0.000	379.111	15.905
Chino Hills, City of	2,111.422	2,150.925	(286.221)	0.000	0.000	5,359.300	7,367.115	397.669
Chino, City of	4,033.857	6,725.430	(6,686.440)	(104.278)	0.000	65.288	3,277.932	306.764
Cucamonga Valley Water District	3,619.454	16,121.550	0.000	0.000	0.000	0.000	16,121.550	828.227
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	268.163
Fontana Water Company	1.000	15,377.579	0.000	0.000	0.000	0.000	15,377.579	645.203
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	736.362	0.000	0.000	0.000	0.000	736.362	48.157
Jurupa Community Services District	2,061.118	18,406.630	0.000	(379.499)	0.000	(8.784)	18,018.347	842.427
Marygold Mutual Water Company	655.317	1,314.734	0.000	0.000	0.000	0.000	1,314.734	82.653
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	28.393
Monte Vista Water District	4,823.954	12,521.892	(151.480)	0.000	0.000	(5,371.667)	7,074.485	499.195
Niagara Bottling, LLC	0.000	1,342.588	0.000	0.000	0.000	0.000	1,342.588	56.328
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.168
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	8.456
Ontario, City of	11,373.816	21,980.342	(4,428.101)	(1,855.196)	0.000	0.000	17,911.096	1,228.639
Pomona, City of	11,215.852	12,909.293	0.000	0.000	0.000	0.000	12,909.293	1,012.163
San Antonio Water Company	1,506.888	1,159.242	0.000	0.000	0.000	0.000	1,159.242	111.857
San Bernardino, County of (Shooting Park)	0.000	16.390	0.000	0.000	0.000	0.000	16.390	0.688
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	48.515	48.515	56.634
Upland, City of	2,852.401	2,822.046	0.000	0.000	0.000	0.000	2,822.046	238.070
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	39.761
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	27.032
	54,834.000	113,964.114	(11,552.242)	(2,338.973)	0.000	92.652	105,876.384	6,742.552

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14

2014/15

Remaining Desalter Replenishment Obligation (RDRO):

	acre-feet
CDA Production - Peace I Allocation	29,541.000
CDA Production - Peace II Allocation	449.000
Total Desalter Replenishment Obligation (Total DRO):	29,990.000
Desalter Replenishment Obligation Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
RDRO	7,490.000

Appropriative Pool Party	Operating Safe Yield	Production Year 2014/15 Common Data (From Approved 2015/2016 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Package Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	426.139	0.000	0.000	0.000	0.000	426.139	22.092
Chino Hills, City of	2,111.422	3,757.338	(96.029)	0.000	0.000	0.000	3,709.324	301.763
Chino, City of	4,033.857	6,546.044	(6,460.660)	(90.247)	0.000	4.863	3,225.467	376.343
Cucamonga Valley Water District	3,619.454	14,639.960	0.000	0.000	0.000	0.000	14,639.960	946.618
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	331.365
Fontana Water Company	1.000	13,344.225	0.000	0.000	0.000	0.000	13,344.225	691.853
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	720.259	0.000	0.000	0.000	0.000	720.259	58.672
Jurupa Community Services District	2,061.118	12,805.464	0.000	(370.990)	0.000	32.103	12,466.577	753.156
Marygold Mutual Water Company	655.317	1,250.349	0.000	0.000	0.000	0.000	1,250.349	98.795
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	35.085
Monte Vista Water District	4,823.954	7,401.629	(132.454)	0.000	0.000	(387.636)	6,947.766	610.278
Niagara Bottling, LLC	0.000	1,859.765	0.000	0.000	0.000	0.000	1,859.765	96.415
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.207
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	10.449
Ontario, City of	11,373.816	17,675.687	(4,388.312)	(1,856.735)	0.000	0.000	13,624.796	1,295.997
Pomona, City of	11,215.852	12,520.382	0.000	0.000	0.000	0.000	12,520.382	1,230.551
San Antonio Water Company	1,506.888	1,479.087	0.000	0.000	0.000	0.000	1,479.087	154.801
San Bernardino, County of (Shooting Park)	0.000	10.868	0.000	0.000	0.000	0.000	10.868	0.563
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	67.467
Upland, City of	2,852.401	3,416.416	0.000	0.000	0.000	0.000	3,416.416	324.993
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	49.132
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	33.403
	54,834.000	97,853.612	(11,077.455)	(2,317.972)	0.000	(350.670)	89,641.380	7,490.000

P124

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14

2015/16

Remaining Desalter Replenishment Obligation (RDRO):

	acre-feet
CDA Production - Peace I Allocation	27,009.000
CDA Production - Peace II Allocation	1,154.000
<b>Total Desalter Replenishment Obligation (Total DRO):</b>	<b>28,163.000</b>
Desalter Replenishment Obligation Contribution (DROC)	<b>(10,000.000)</b>
Reoperation Water (approved in Peace II)	<b>(12,500.000)</b>
Non-Ag Pool Contribution	0.000
<b>RDRO</b>	<b>5,663.000</b>

Appropriative Pool Party	Operating Safe Yield	Production Year 2015/16 Common Data (From Approved 2016/17 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Paackage Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	356.162	0.000	0.000	0.000	0.000	356.162	13.551
Chino Hills, City of	2,111.422	1,633.459	(85.178)	0.000	0.000	0.000	1,590.870	140.859
Chino, City of	4,033.857	5,009.976	(5,488.140)	(43.133)	0.000	521.297	2,222.773	238.043
Cucamonga Valley Water District	3,619.454	20,537.150	0.000	0.000	0.000	(2.410)	20,534.740	918.984
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	243.183
Fontana Water Company	1.000	15,317.165	0.000	0.000	0.000	0.000	15,317.165	582.803
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	807.419	0.000	0.000	0.000	0.000	807.419	46.375
Jurupa Community Services District	2,061.118	9,283.627	0.000	(358.622)	0.000	27.748	8,952.753	419.040
Marygold Mutual Water Company	655.317	752.723	0.000	0.000	0.000	0.000	752.723	53.571
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	25.748
Monte Vista Water District	4,823.954	8,358.319	(117.688)	0.000	0.000	(36.910)	8,262.565	497.897
Niagara Bottling, LLC	0.000	1,774.574	0.000	0.000	0.000	0.000	1,774.574	67.516
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.152
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	7.668
Ontario, City of	11,373.816	22,849.257	(3,559.596)	(1,235.830)	0.000	0.000	19,833.629	1,187.335
Pomona, City of	11,215.852	9,963.663	0.000	0.000	0.000	0.000	9,963.663	805.807
San Antonio Water Company	1,506.888	1,030.847	0.000	0.000	0.000	0.000	1,030.847	96.552
San Bernardino, County of (Shooting Park)	0.000	9.396	0.000	0.000	0.000	0.000	9.396	0.357
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	49.513
Upland, City of	2,852.401	2,600.725	0.000	0.000	0.000	0.000	2,600.725	207.473
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	36.057
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	24.514
	54,834.000	100,284.462	(9,250.602)	(1,637.585)	0.000	509.725	94,010.004	5,663.000

P125

Appropriative Pool: Remaining Desalter Replenishment Obligation - Production Year 2013/14 2016/17

Remaining Desalter Replenishment Obligation (RDRO):

	acre-feet
CDA Production - Peace I Allocation	26,726.000
CDA Production - Peace II Allocation	1,527.000
Total Desalter Replenishment Obligation (Total DRO):	<u>28,253.000</u>
Desalter Replenishment Obligation Contribution (DROC)	(10,000.000)
Reoperation Water (approved in Peace II)	(12,500.000)
Non-Ag Pool Contribution	<u>(735.000)</u>
RDRO	5,018.000

Appropriative Pool Party	Operating Safe Yield	Production Year 2015/16 Common Data (From Approved 2016/17 Assessment Package - Appendix A)					Methodology for Calculation of Adjusted Physical Production (APP)	Methodology for Calculation of "RDRO"
	a	b	c	d	e	f	APP = [b+(c*50%)+d+e+f]	Individual Party RDRO = ((a+APP)/(Total a + Total APP)) * RDRO
	Assessment Package Page 2A: Column 2D	Physical Production	Voluntary Agreements (w/Ag)	Assignments (w/Non-Ag)	Storage and Recovery Programs	Other Adjustments	*Note: APP for City of Chino does not include "Other Adjustments" for this period	
Arrowhead Mtn Spring Water Co	0.000	367.348	0.000	0.000	0.000	0.000	367.348	13.019
Chino Hills, City of	2,111.422	2,246.284	(94.257)	0.000	0.000	0.000	2,199.156	152.769
Chino, City of	4,033.857	4,971.503	(4,531.420)	(51.143)	0.000	0.000	2,654.650	237.044
Cucamonga Valley Water District	3,619.454	16,561.990	0.000	0.000	0.000	0.000	16,561.990	715.239
Fontana Union Water Company	6,391.736	0.000	0.000	0.000	0.000	0.000	0.000	226.526
Fontana Water Company	1.000	13,250.493	0.000	0.000	0.000	0.000	13,250.493	469.639
Fontana, City of	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	411.476	850.347	0.000	0.000	0.000	0.000	850.347	44.720
Jurupa Community Services District	2,061.118	11,497.599	0.000	(505.790)	0.000	31.408	11,023.217	463.715
Marygold Mutual Water Company	655.317	618.563	0.000	0.000	0.000	0.000	618.563	45.147
Monte Vista Irrigation Company	676.759	0.000	0.000	0.000	0.000	0.000	0.000	23.985
Monte Vista Water District	4,823.954	7,086.159	(125.309)	(17.784)	0.000	(78.112)	6,927.609	416.481
Niagara Bottling, LLC	0.000	1,531.557	0.000	0.000	0.000	0.000	1,531.557	54.279
Nicholson Trust	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.142
Norco, City of	201.545	0.000	0.000	0.000	0.000	0.000	0.000	7.143
Ontario, City of	11,373.816	24,839.724	(4,222.013)	(1,647.489)	0.000	0.000	21,081.229	1,150.221
Pomona, City of	11,215.852	8,066.802	0.000	0.000	0.000	0.000	8,066.802	683.386
San Antonio Water Company	1,506.888	537.746	0.000	0.000	0.000	0.000	537.746	72.463
San Bernardino, County of (Shooting Park)	0.000	13.037	0.000	0.000	0.000	0.000	13.037	0.462
Santa Ana River Water Company	1,301.374	0.000	0.000	0.000	0.000	0.000	0.000	46.121
Upland, City of	2,852.401	1,259.776	0.000	0.000	0.000	(187.860)	1,071.916	139.080
West End Consolidated Water Co	947.714	0.000	0.000	0.000	0.000	0.000	0.000	33.587
West Valley Water District	644.317	0.000	0.000	0.000	0.000	0.000	0.000	22.835
	54,834.000	93,698.928	(8,972.999)	(2,222.206)	0.000	(234.564)	86,755.659	5,018.000

P126

**Appropriative Pool: Remaining Desalter Replenishment Obligation**

Production Year **2013-17**

Appropriative Pool Party	RDRO				Total
	PY 13-14	PY 14-15	PY 15-16	PY 16-17	
Arrowhead Mtn Spring Water Co	15.905	22.092	13.551	13.019	64.567
Chino Hills, City of	397.669	301.763	140.859	152.769	993.061
Chino, City of	306.764	376.343	238.043	237.044	1,158.194
Cucamonga Valley Water District	828.227	946.618	918.984	715.239	3,409.068
Fontana Union Water Company	268.163	331.365	243.183	226.526	1,069.238
Fontana Water Company	645.203	691.853	582.803	469.639	2,389.498
Fontana, City of	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	48.157	58.672	46.375	44.720	197.924
Jurupa Community Services District	842.427	753.156	419.040	463.715	2,478.337
Marygold Mutual Water Company	82.653	98.795	53.571	45.147	280.166
Monte Vista Irrigation Company	28.393	35.085	25.748	23.985	113.211
Monte Vista Water District	499.195	610.278	497.897	416.481	2,023.851
Niagara Bottling, LLC	56.328	96.415	67.516	54.279	274.539
Nicholson Trust	0.168	0.207	0.152	0.142	0.669
Norco, City of	8.456	10.449	7.668	7.143	33.715
Ontario, City of	1,228.639	1,295.997	1,187.335	1,150.221	4,862.192
Pomona, City of	1,012.163	1,230.551	805.807	683.386	3,731.907
San Antonio Water Company	111.857	154.801	96.552	72.463	435.673
San Bernardino, County of (Shooting Park)	0.688	0.563	0.357	0.462	2.071
Santa Ana River Water Company	56.634	67.467	49.513	46.121	219.735
Upland, City of	238.070	324.993	207.473	139.080	909.614
West End Consolidated Water Co	39.761	49.132	36.057	33.587	158.538
West Valley Water District	27.032	33.403	24.514	22.835	107.784
	6,742.552	7,490.000	5,663.000	5,018.000	24,913.552

P127

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

1. Cash Disbursements for June 2018

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
General Journal	06/02/2018	06/02/2018	Payroll and Taxes for 05/20/18-06/02/18	Payroll and Taxes for 05/20/18-06/02/18	1012 · Bank of America Gen'l Ckg	
				Direct Deposits for 05/20/18-06/02/18	1012 · Bank of America Gen'l Ckg	30,882.64
				Payroll Taxes for 05/20/18-06/02/18	1012 · Bank of America Gen'l Ckg	10,647.12
			ICMA-RC	457(b) Employee Deductions for 05/20/18-06/02/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 05/20/18-06/02/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						47,571.08
Bill Pmt -Check	06/05/2018	06/05/2018	CALPERS	1394905143	1012 · Bank of America Gen'l Ckg	
Bill	05/14/2018	1394905143		1394905143	60182.1 · Medical Insurance	8,440.38
TOTAL						8,440.38
Bill Pmt -Check	06/07/2018	20828	ACCENT COMPUTER SOLUTIONS, INC.	Miscellaneous Computer Services	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	121853		Wilson desktop - balance due	6055 · Computer Hardware	936.22
Bill	06/01/2018	121702		Monthly Service - June 2018	6052.4 · IT Managed Services	4,226.00
				Overwatch - June 2018	6052.5 · IT Data Backup/Storage	699.00
				OmniCloud - June 2018	6052.5 · IT Data Backup/Storage	108.00
				Office 365 subscriptions - June 2018	6054 · Computer Software	33.20
TOTAL						6,002.42
Bill Pmt -Check	06/07/2018	20829	APPLIED COMPUTER TECHNOLOGIES	2975	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	2975		Database Consulting Services - May 2018	6052.2 · Applied Computer Technol	3,315.40
TOTAL						3,315.40
Bill Pmt -Check	06/07/2018	20830	CENTURYLINK	70631970	1012 · Bank of America Gen'l Ckg	
Bill	05/25/2018	70631970		5/17/18-6/16/18	6053 · Internet Expense	1,051.36
TOTAL						1,051.36
Bill Pmt -Check	06/07/2018	20831	CHEF DAVE'S CAFE & CATERING	8265	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2018	8265		Lunch for 5/24/18 Watermaster Board meeting	6312 · Meeting Expenses	619.54
TOTAL						619.54
Bill Pmt -Check	06/07/2018	20832	DI PRIMIO, ROBERT	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/07/2018	5/07 Conf Call		5/07/18 Call w/GM, attorneys re Settlement Propos 6311	6311 · Board Member Compensation	125.00
Bill	05/16/2018	5/16 Conf Call		5/16/18 Call w/GM, attorneys re Settlement Propos 6311	6311 · Board Member Compensation	125.00
Bill	05/21/2018	5/21 Conf Call		5/21/18 Call w/GM, attorneys re Settlement Propos 6311	6311 · Board Member Compensation	125.00
Bill	05/22/2018	5/22 Personnel Comm		5/22/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00
Bill	05/24/2018	5/24 Board Meeting		5/24/18 Board meeting	6311 · Board Member Compensation	125.00
Bill	05/31/2018	5/31 Personnel Comm		5/31/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00
TOTAL						750.00

TOTAL  
\$129

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/07/2018	20833	EGOSCUE LAW GROUP, INC.	11967	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	11967		Ag Pool Legal Services - May 2018	8467 · Ag Legal & Technical Services	28,862.50
TOTAL						28,862.50
Bill Pmt -Check	06/07/2018	20834	FEENSTRA, BOB	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/11/2018	5/11 AG Pool Mtg		5/11/18 Ag Pool meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/17/2018	5/17 Advisory Comm		5/17/18 Advisory Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/22/2018	5/22 Personnel Comm		5/22/18 Personnel Committee meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board meeting	8470 · Ag Meeting Attend -Special	125.00
Bill	05/31/2018	5/31 Personnel Comm		5/31/18 Personnel Committee meeting	8470 · Ag Meeting Attend -Special	125.00
TOTAL						625.00
Bill Pmt -Check	06/07/2018	20835	FILIPPI, GINO	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/07/2018	5/07 Admin Mtg w/GM		5/07/18 meeting w/GM	6311 · Board Member Compensation	125.00
Bill	05/21/2018	5/21 Admin mtg w/GM		5/21/18 meeting w/GM, J.Pierson	6311 · Board Member Compensation	125.00
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						375.00
P130						
Bill Pmt -Check	06/07/2018	20836	GEYE, BRIAN	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/01/2018	5/01 Budget Mtg		5/01/18 Budget meeting	6311 · Board Member Compensation	125.00
Bill	05/17/2018	5/17 RMPU Comm		5/17/18 RMPU Steering Committee meeting	6311 · Board Member Compensation	125.00
TOTAL						250.00
Bill Pmt -Check	06/07/2018	20837	HUITSING, JOHN	Ag Pool Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/11/2018	5/11 Ag Pool mtg		5/11/18 Ag Pool Meeting	8411 · Compensation	25.00
				5/11/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						125.00
Bill Pmt -Check	06/07/2018	20838	PARKER, KATHERINE	Board Member Compensation	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board Meeting	6311 · Board Member Compensation	125.00
TOTAL						125.00
Bill Pmt -Check	06/07/2018	20839	PAYCHEX	1018053100	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	2018053100		May 2018	6012 · Payroll Services	329.26
TOTAL						329.26
Bill Pmt -Check	06/07/2018	20840	PETTY CASH	2723-2736	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	2723-2736		Purchase miscellaneous office supplies	6031.7 · Other Office Supplies	133.81
				Lunch for Storage Framework Workshop	6909.1 · OBMP Meetings	74.74

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2018**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				Supplies for staff meetings	6141.3 · Admin Meetings	62.00
				AT and PK meetings w/TVMWD	8312 · Meeting Expenses	66.45
TOTAL						<u>337.00</u>
<b>Bill Pmt -Check</b>	<b>06/07/2018</b>	<b>20841</b>	<b>PIERSON, JEFFREY</b>	<b>Board and Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/11/2018	5/11 Ag Pool Mtg		5/11/18 Ag Pool meeting	8411 · Compensation	125.00
Bill	05/17/2018	5/17 Advisory Comm		5/17/18 Advisory Committee meeting	8411 · Compensation	125.00
Bill	05/17/2018	5/17 RIPCom Mtg		5/17/18 RIPCom meeting	8411 · Compensation	125.00
Bill	05/21/2018	5/21 Admin mtg w/GM		5/21/18 Administrative meeting w/GM	8411 · Compensation	125.00
Bill	05/22/2018	5/22 Personnel Comm		5/22/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board meeting	6311 · Board Member Compensation	125.00
Bill	05/31/2018	5/31 Personnel Comm		5/31/18 Personnel Committee meeting	6311 · Board Member Compensation	125.00
TOTAL						<u>875.00</u>
<b>Bill Pmt -Check</b>	<b>06/07/2018</b>	<b>20842</b>	<b>PREMIERE GLOBAL SERVICES</b>	<b>25886809</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2018	25886809		DRO water transfer call on 4/27	6909.1 · OBMP Meetings	22.85
				Pomona extensometer call on 4/30	6909.1 · OBMP Meetings	6.20
				Pomona extensometer call on 4/30	6909.1 · OBMP Meetings	13.38
				Pools agenda prep call on 5/01	8312 · Meeting Expenses	3.42
				Pools agenda prep call on 5/01	8412 · Meeting Expenses	3.41
				Pools agenda prep call on 5/01	8512 · Meeting Expense	3.41
				WM matters call on 5/03	6909.1 · OBMP Meetings	9.72
				WM coordination call on 5/07	6909.1 · OBMP Meetings	6.21
				Non-Ag Pool mtg call on 5/10	8512 · Meeting Expense	18.03
				WM coordination call on 5/14	6909.1 · OBMP Meetings	6.20
				Pomona extensometer call on 5/21	6909.1 · OBMP Meetings	7.61
				HCP call on 5/23	6909.1 · OBMP Meetings	14.26
				Fee - General	6022 · Telephone	49.00
				Fee - Confidential	6022 · Telephone	49.00
				WM coordination call on 4/30	6909.1 · OBMP Meetings	15.47
				Pomona extensometer call on 5/07	6909.1 · OBMP Meetings	17.40
				Board agenda preview call on 5/15	6312 · Meeting Expenses	8.91
				WM coordination call on 5/16	6909.1 · OBMP Meetings	6.22
				GSA Summit Session prep call on 5/21	6909.1 · OBMP Meetings	11.36
				WM coordination call on 5/21	6909.1 · OBMP Meetings	6.21
				Board agenda preview call on 5/22	6312 · Meeting Expenses	14.98
				Review court ruling re independent contractors on	6909.1 · OBMP Meetings	11.30
				Service fee	6022 · Telephone	11.36
TOTAL						<u>315.91</u>

P131

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2018**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/07/2018	20843	READY REFRESH BY NESTLE	0023230253	1012 · Bank of America Gen'l Ckg	
Bill	05/24/2018	0023230253		Office Water Bottle - May 2018	6031.7 · Other Office Supplies	55.88
TOTAL						55.88
Bill Pmt -Check	06/07/2018	20844	RR FRANCHISING, INC.	56796	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2018	56796		Monthly service June 2018	6024 · Building Repair & Maintenance	740.00
TOTAL						740.00
Bill Pmt -Check	06/07/2018	20845	STAPLES BUSINESS ADVANTAGE	Miscellaneous office supplies	1012 · Bank of America Gen'l Ckg	
Bill	05/19/2018	8049974710		Miscellaneous office supplies	6031.7 · Other Office Supplies	125.82
Bill	05/26/2018	8050056620		Miscellaneous office supplies	6031.7 · Other Office Supplies	46.32
TOTAL						172.14
Bill Pmt -Check	06/07/2018	20846	STATE COMPENSATION INSURANCE FUND	1970970-17	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2018	1970970-17		Monthly premium 5/26/18-6/26/18	60183 · Worker's Comp Insurance	520.50
TOTAL						520.50
Bill Pmt -Check	06/07/2018	20847	UNION 76	7076-2245-3035-5049	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	7076224530355049		May 2018	6175 · Vehicle Fuel	99.33
TOTAL						99.33
Bill Pmt -Check	06/07/2018	20848	VISION SERVICE PLAN	00-101789-0001	1012 · Bank of America Gen'l Ckg	
Bill	05/30/2018	001017890001		Vision Insurance Premium - June 2018	60182.2 · Dental & Vision Ins	88.20
TOTAL						88.20
Bill Pmt -Check	06/07/2018	20849	YUKON DISPOSAL SERVICE	08-K2 213849	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2018	08-k2 213849		June 2018	6024 · Building Repair & Maintenance	117.14
TOTAL						117.14
Bill Pmt -Check	06/08/2018	ACH 060818	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
General Journal	06/02/2018	06/02/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 05/20/18-06/02/18	2000 · Accounts Payable	6,725.08
TOTAL						6,725.08
Bill Pmt -Check	06/14/2018	20850	TELLEZ-FOSTER, EDGAR	Expense Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	06/14/2018			Promissory note per agreement June 13, 2018	6011 · WM Staff Salaries	3,000.00
TOTAL						3,000.00
Bill Pmt -Check	06/15/2018	20851	ACCENT COMPUTER SOLUTIONS, INC.	Miscellaneous Computer Services	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	122017		Zapien laptop - balance due	6055 · Computer Hardware	1,395.74
Bill	05/31/2018	122016		Cloud storage - FTP replacement	6052.5 · IT Data Backup/Storage	75.00

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
TOTAL						1,470.74
Bill Pmt -Check	06/15/2018	20852	ACWA JOINT POWERS INSURANCE AUTHORIT	0557000	1012 · Bank of America Gen'l Ckg	
Bill	06/10/2018	0557000		Prepayment - July 2018	1409 · Prepaid Life, BAD&D & LTD	230.31
				June 2018	60191 · Life & Disab.Ins Benefits	221.93
TOTAL						452.24
Bill Pmt -Check	06/15/2018	20853	BANK OF AMERICA	XXXX-XXXX-XXXX-9341	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	XXXX-XXXX-XXXX-9341		Wilson desktop-50% deposit	6055 · Computer Hardware	792.83
				Miscellaneous office supplies	6031.7 · Other Office Supplies	7.75
				ViewSonic monitors-replacement for CFO	6055 · Computer Hardware	295.97
				Winzip 22 software for CFO	6054 · Computer Software	26.62
				Fastrack account replenishment	6174 · Public Transportation	26.67
				ViewSonic monitors-replacement for Sr. Accountan	6055 · Computer Hardware	252.39
				Miscellaneous office supplies	6031.7 · Other Office Supplies	313.52
				JJ reg.-10/22-10/24, CalPers Educational Forum	6193.2 · Conference - Registration Fee	310.21
				Parking for PK to travel to Sacramento	6191 · Conferences - General	16.00
				PK meeting w/G. Filippi	6312 · Meeting Expenses	40.34
				Lunch for 5/10/18 Ag and Non-Ag Pool discussion	8412 · Meeting Expenses	51.55
				Lunch for 5/10/18 Ag and Non-Ag Pool discussion	8512 · Meeting Expense	51.55
				Parking for PK to travel to ACWA Spring Conferenc	6191 · Conferences - General	32.00
				Hotel for PK to attend ACWA Spring Conference	6191 · Conferences - General	574.01
				Order deposit stamp for office	6031.7 · Other Office Supplies	49.77
				Lunch for Ag Pool meeting on 5/11/18	8412 · Meeting Expenses	84.75
				PK meeting w/B. Kuhn	6312 · Meeting Expenses	24.43
				Miscellaneous office supplies	6031.7 · Other Office Supplies	14.63
				Miscellaneous office supplies	6031.7 · Other Office Supplies	7.11
				PK meeting w/C. Berch, IEUA	8312 · Meeting Expenses	24.55
				Miscellaneous office supplies	6031.7 · Other Office Supplies	12.39
				Charged a second time - refund above	8312 · Meeting Expenses	24.55
				PK meeting w/D. Poulsen	8312 · Meeting Expenses	38.23
				PK meeting w/S. Burton, G. Gienger	8312 · Meeting Expenses	31.61
				PK registration for 6/06/18 First Annual Groundwat	6193.2 · Conference - Registration Fee	191.11
				PK parking for 5/23/18 meeting w/RWQCB	8312 · Meeting Expenses	3.33
				Miscellaneous office supplies	6031.7 · Other Office Supplies	7.98
				Laptop bag and external CD drive	6031.7 · Other Office Supplies	67.53
				Renew Costco membership	6111 · Membership Dues	159.99
				Miscellaneous office supplies	6031.7 · Other Office Supplies	42.84
				Miscellaneous office supplies	6031.7 · Other Office Supplies	13.63
				PK meeting w/T. Sandoval, D. Poulsen	8312 · Meeting Expenses	36.88

P133

**CHINO BASIN WATERMASTER**  
**Cash Disbursements For The Month of**  
**June 2018**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				PK meeting w/R. Hoerning	8312 · Meeting Expenses	24.04
				Miscellaneous office supplies	6031.7 · Other Office Supplies	8.88
TOTAL						<u>3,659.64</u>
<b>Bill Pmt -Check</b>	<b>06/15/2018</b>	<b>20854</b>	<b>DE HAAN, HENRY</b>	<b>Ag Pool Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/11/2018	5/11 Ag Pool mtg		5/11/18 Ag Pool Meeting	8411 · Compensation	25.00
				5/11/18 Ag Pool Meeting	8470 · Ag Meeting Attend -Special	100.00
TOTAL						<u>125.00</u>
<b>Bill Pmt -Check</b>	<b>06/15/2018</b>	<b>20855</b>	<b>FIRST LEGAL NETWORK LLC</b>	<b>40018300</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2018	40018300		Court filings on 5/01/18 and 5/25/18	6061.5 · Court Filing Services	155.88
TOTAL						<u>155.88</u>
<b>Bill Pmt -Check</b>	<b>06/15/2018</b>	<b>20856</b>	<b>JOHN J. SCHATZ</b>	<b>Appropriative Pool Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2018			April 2018	8367 · Legal Service	4,056.00
				May 2018	8367 · Legal Service	3,324.00
TOTAL						<u>7,380.00</u>
<b>P134</b>	<b>General Journal</b>	<b>06/16/2018</b>	<b>06/16/2018</b>	<b>Payroll and Taxes for 06/03/18-06/16/18</b>	<b>Payroll and Taxes for 06/03/18-06/16/18</b>	<b>1012 · Bank of America Gen'l Ckg</b>
				Direct Deposits for 06/03/18-06/16/18	1012 · Bank of America Gen'l Ckg	29,693.30
				Payroll Taxes for 06/03/18-06/16/18	1012 · Bank of America Gen'l Ckg	9,752.73
			ICMA-RC	457(b) Employee Deductions for 06/03/18-06/16/18	1012 · Bank of America Gen'l Ckg	4,738.05
			ICMA-RC	401(a) Employee Deductions for 06/03/18-06/16/18	1012 · Bank of America Gen'l Ckg	1,303.27
TOTAL						<u>45,487.35</u>
<b>Bill Pmt -Check</b>	<b>06/21/2018</b>	<b>ACH 062118</b>	<b>PUBLIC EMPLOYEES' RETIREMENT SYSTEM</b>	<b>Payor #3493</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
General Journal	06/16/2018	06/16/2018	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	CalPERS Retirement for 06/03/18-06/16/18	2000 · Accounts Payable	6,725.08
TOTAL						<u>6,725.08</u>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20857</b>	<b>BROWNSTEIN HYATT FARBER SCHRECK</b>		<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/31/2018	723347		723347	6078 · BHFS Legal - Miscellaneous	22,011.75
				NRG BK	6078 · BHFS Legal - Miscellaneous	71.10
				Angelica BK	6078 · BHFS Legal - Miscellaneous	106.20
				Mileage/Parking Expense	8375 · BHFS Legal - Appropriative Pool	18.39
				Mileage/Parking Expense	8575 · BHFS Legal - Non-Ag Pool	18.39
				Mileage/Parking Expense	8475 · BHFS Legal - Agricultural Pool	36.78
				Federal Express	6078 · BHFS Legal - Miscellaneous	26.68
Bill	05/31/2018	723348		Employee Handbook	6073 · BHFS Legal - Personnel Matters	11,450.25
				Personnel	6073 · BHFS Legal - Personnel Matters	1,756.80
				GM Evaluation	6073 · BHFS Legal - Personnel Matters	6,107.40

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
				1099 Independent Contractors	6073 · BHFS Legal - Personnel Matters	2,543.40
Bill	05/31/2018	723349		723349	6907.32 · Chino Airport Plume	9,169.65
				Employee Handbook	6073 · BHFS Legal - Personnel Matters	81.00
Bill	05/31/2018	723350		723350	6907.36 · Santa Ana River Habitat	425.25
Bill	05/31/2018	723351		723351	6275 · BHFS Legal - Advisory Committee	935.55
				Mileage/Parking Expense	6275 · BHFS Legal - Advisory Committee	36.78
Bill	05/31/2018	723352		723352	6375 · BHFS Legal - Board Meeting	6,901.20
				Delivery/Ground Transportation	6375 · BHFS Legal - Board Meeting	300.00
Bill	05/31/2018	723353		723353	8375 · BHFS Legal - Appropriative Pool	1,381.05
Bill	05/31/2018	723354		723354	8475 · BHFS Legal - Agricultural Pool	2,227.50
Bill	05/31/2018	723355		723355	8575 · BHFS Legal - Non-Ag Pool	1,381.05
Bill	05/31/2018	723356		723356	6071 · BHFS Legal - Court Coordination	3,589.20
Bill	05/31/2018	723357		723357	6077 · BHFS Legal - Party Status Maint	2,871.45
Bill	05/31/2018	723358		723358	6907.39 · Recharge Master Plan	7,255.80
				Mileage/Parking Expense	6907.39 · Recharge Master Plan	62.17
Bill	05/31/2018	723359		723359	6907.40 · Storage Agreements	5,945.40
				Mileage/Parking Expense	6907.40 · Storage Agreements	36.78
Bill	05/31/2018	723360		723360	6907.41 · Prado Basin Habitat Sustain	2,155.95
Bill	05/31/2018	723361		723361	6907.42 · Safe Yield Recalculation	14,648.85
				Lodging	6907.42 · Safe Yield Recalculation	225.00
Bill	05/31/2018	723362		723362	6907.44 · SGMA Compliance	9,870.75
				Airfare	6907.44 · SGMA Compliance	8.00
				Delivery/Ground Transportation	6907.44 · SGMA Compliance	10.70
				Mileage/Parking Expense	6907.44 · SGMA Compliance	24.00
TOTAL						113,690.22
Bill Pmt -Check	06/22/2018	20858	CORELOGIC INFORMATION SOLUTIONS	81894141	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018	81894141		81894141	7103.7 · Grdwtr Qual-Computer Svc	62.50
				81894141	7101.4 · Prod Monitor-Computer	62.50
TOTAL						125.00
Bill Pmt -Check	06/22/2018	20859	CUCAMONGA VALLEY WATER DISTRICT	Office Lease	1012 · Bank of America Gen'l Ckg	
Bill	06/15/2018			Office lease due July 1, 2018	1422 · Prepaid Rent	6,608.80
TOTAL						6,608.80
Bill Pmt -Check	06/22/2018	20860	FRONTIER COMMUNICATIONS	909-484-3890-050914-5	1012 · Bank of America Gen'l Ckg	
Bill	06/19/2018	90948438900509145		Office fax	6022 · Telephone	142.52
TOTAL						142.52
Bill Pmt -Check	06/22/2018	20861	GREAT AMERICA LEASING CORP.	22838246	1012 · Bank of America Gen'l Ckg	

P135

**CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018**

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill	06/19/2018	22838246		Invoice for June 2018	6043.1 · Ricoh Lease Fee	2,605.07
<b>TOTAL</b>						<b>2,605.07</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20862</b>	<b>KESSLER ALAIR INSURANCE SERVICES, INC.</b>	<b>723750</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/18/2018	723750		D&O for June 2018	6085 · Business Insurance Package	1,051.07
				D&O for July 2018-May 2019	1401 · Prepaid Insurance-Pkg	11,736.93
<b>TOTAL</b>						<b>12,788.00</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20863</b>	<b>KUHN, BOB</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/07/2018	5/07 JPIA Mtg		5/07/18 JPIA meeting in Sacramento	6311 · Board Member Compensation	125.00
Bill	05/15/2018	5/15 Admin Mtg		5/15/18 Administrative meeting w/PK	6311 · Board Member Compensation	125.00
Bill	05/17/2018	5/17 Advisory Comm		5/17/18 Advisory Committee meeting	6311 · Board Member Compensation	125.00
Bill	05/22/2018	5/22 Exec Comm Call		5/22/18 Conference call w/Personnel Committee	6311 · Board Member Compensation	125.00
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board Meeting	6311 · Board Member Compensation	125.00
Bill	05/31/2018	5/31 Personnel Comm		5/31/18 Personnel Committee Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>750.00</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20864</b>	<b>LEGAL SHIELD</b>	<b>0111802</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/19/2018	0111802		Employee deductions - June 2018	60194 · Other Employee Insurance	79.70
<b>TOTAL</b>						<b>79.70</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20865</b>	<b>LOEB &amp; LOEB LLP</b>	<b>Non-Ag Pool Legal Services</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/30/2018	1769687		April 2018	8567 · Non-Ag Legal Service	3,693.60
Bill	05/31/2018	1774977		May 2018	8567 · Non-Ag Legal Service	2,052.00
<b>TOTAL</b>						<b>5,745.60</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20866</b>	<b>STANDARD INSURANCE CO.</b>	<b>Policy # 00-649299-0009</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/19/2018	006492990009		Policy # 00-649299-0009	60191 · Life & Disab.Ins Benefits	786.43
<b>TOTAL</b>						<b>786.43</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20867</b>	<b>STAULA, MARY L</b>	<b>Retiree Medical</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	06/30/2018			Retiree Medical	60182.4 · Retiree Medical	25.17
<b>TOTAL</b>						<b>25.17</b>
<b>Bill Pmt -Check</b>	<b>06/22/2018</b>	<b>20868</b>	<b>ULLOA, EUNICE</b>	<b>Board Member Compensation</b>	<b>1012 · Bank of America Gen'l Ckg</b>	
Bill	05/01/2018	5/01 Budget Workshop		5/01/18 Budget Workshop	6311 · Board Member Compensation	125.00
Bill	05/09/2018	5/09 Prado Basin		5/09/18 Prado Basin Habitat Sustainability Comm.	6311 · Board Member Compensation	125.00
Bill	05/10/2018	5/10 Appropriative		5/10/18 Appropriative Pool meeting	6311 · Board Member Compensation	125.00
Bill	05/24/2018	5/24 Board Mtg		5/24/18 Board Meeting	6311 · Board Member Compensation	125.00
<b>TOTAL</b>						<b>500.00</b>

P 136  
T 235

CHINO BASIN WATERMASTER  
Cash Disbursements For The Month of  
June 2018

For Informational Purposes Only

Type	Date	Num	Name	Memo	Account	Paid Amount
Bill Pmt -Check	06/22/2018	20869	UNITED HEALTHCARE	052584525743	1012 · Bank of America Gen'l Ckg	
Bill	06/19/2018	052584525743		Dental Insurance Premium - July 2018	60182.2 · Dental & Vision Ins	749.75
TOTAL						<u>749.75</u>
Bill Pmt -Check	06/22/2018	20870	VERIZON WIRELESS	9808454769	1012 · Bank of America Gen'l Ckg	
Bill	06/19/2018	9808454769		Acct #470810953-00001	6022 · Telephone	297.55
TOTAL						<u>297.55</u>
Bill Pmt -Check	06/22/2018	20871	MONTE VISTA WATER DIST	SCADA Installation, Monitoring Reimbursement	1012 · Bank of America Gen'l Ckg	
Bill	05/31/2018			SCADA Installation, Monitoring Reim. - May 2018	7107.63 · Grd Level-MVWD SCADA Reimburs	9,906.25
TOTAL						<u>9,906.25</u>
Bill Pmt -Check	06/26/2018	ACH 062618	PUBLIC EMPLOYEES' RETIREMENT SYSTEM	Payor #3493	1012 · Bank of America Gen'l Ckg	
Bill	06/01/2018	15313066		Annual Unfunded Accrued Liability	60180 · Employers PERS Expense	4,348.52
TOTAL						<u>4,348.52</u>
					<b>Total Disbursements:</b>	<u><u>336,092.63</u></u>

P137

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# CHINO BASIN WATERMASTER

## IV. INFORMATION

2. Recharge Investigations and Projects Committee (RIPCom)

# Recharge Investigations and Projects

## Committee Meeting

### Agenda

**When:** Thursday, June 21, 2018 @ 9:30 a.m.

**Where:** Chino Basin Watermaster  
9641 San Bernardino Rd.  
Rancho Cucamonga, CA 91730

#### Topics:

1. Introductions
2. New/Old Projects consideration
  - a) Open forum for potential new projects
3. IEUA/CBWM joint projects
  - a) Status updates
  - b) Budget updates
4. RMPU Implementation updates
  - a) Sustainability projects
  - b) MS4 – (No Updates)
  - c) Contact with sand and gravel companies – (No updates)
  - d) AP New Yield and cost allocation agreement – (No updates)
  - e) Flood Control and water conservation agreement – (No Updates)
  - f) Agreement with property owners – (No updates)

Next Recharge Investigations and Projects Committee (RIPCom) Meeting Date:

**Wednesday, July 25, 2018 @ 1:30 P.M.**

**Inland Empire Utilities Agency, 6075 Kimball Ave. Chino, Ca 91708**

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# Non-RMPU Ongoing Projects



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**GWR AND RW SCADA UPGRADES  
PROJECT NO. EN14047  
STATUS UPDATE: JUNE 1, 2018**

During Inland Empire Utilities Agency’s asset review of the existing Supervisory Control & Data Acquisition (SCADA) system, a thorough and comprehensive evaluation of the recycled water (RW) and groundwater recharge (GWR) control system was conducted. A Master Plan was developed; and it recommended critical upgrades to the RW and GWR SCADA systems. The purpose of this project is to provide control system improvements to sustain and support the continued growth of the RW and GWR programs. Under this project, five recharge basins which operate a rubber dam system will be replaced with newer, reliable and fully supported programmable logic controllers (PLCs). The current PLCs are outdated and lack critical product and technical support. The upgrade will extend the site’s reliability by 10 years and provide the initial development model when transitioning other sites to newer controllers.

**Schedule:**

	<u>Project Budget</u>		<u>Actual Cost to Date</u>		
	\$892,000		\$762,932		
<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Project Development	11/11/11	02/24/14	Completed	\$422	\$422
Design	02/26/14	01/15/16	Completed	\$186,512	\$186,512
Permits	09/12/14	01/15/16	Completed	\$42	\$42
Bid and Award	01/18/16	04/20/16	Completed	\$3,461	\$3,461
Construction**	04/21/16	04/30/18	In Progress	\$570,000	\$572,495
				<u>\$760,437</u>	<u>\$762,932</u>

\*Projected cost was increased but remains below the project budget of \$892,000.

**Grant/Loan Update:**

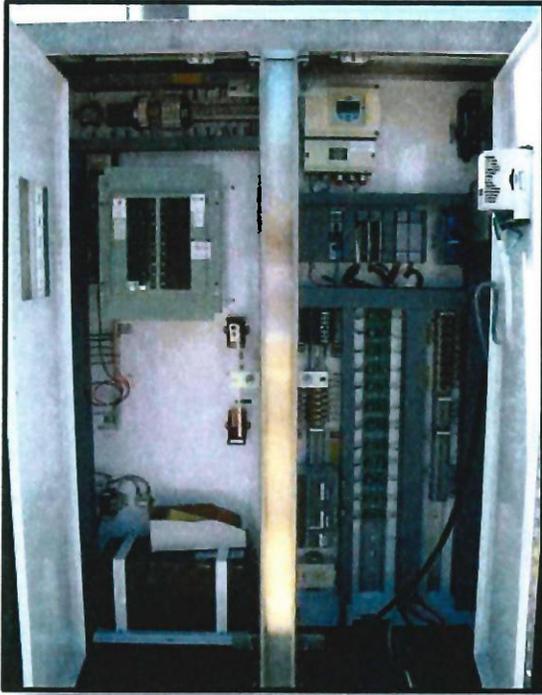
Awarded a \$139,650 grant and a 1% interest 30-year loan at \$740,145 from the Santa Ana Project Water Authority and Clean Water State Revolving Fund loan program respectively.

**Cost Sharing Document:** Task Order No. 4 of the Master Agreement of 2014

**Project Update:**

All major construction work is completed. IEUA staff is still finalizing the “punch list” to confirm the Contractor completed all pending items. Upon completion, the project will finalize all costs and close the project.

Project Photos:



San Sevaine Turnout control panel



Rubber Dam control panel



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**UPPER SANTA ANA RIVER WATERSHED HABITAT CONSERVATION PLAN  
PROJECT NO. RW15002  
STATUS UPDATE: JUNE 1, 2018**

The purpose of the Habitat Conservation Plan (HCP) is to investigate and develop a plan to offset the biological impact of future water and recharge improvement projects in the Chino Basin area that have the potential to affect federally-listed endangered, threatened or special status species. This project will be a part of a regional plan with other proposed projects within the Upper Santa Ana River Region. The goal of the project is to identify, in advance, sites that may require biological offset/mitigation and avoid permitting delays on future RMPU projects or other identified recharge improvement projects.

**Schedule:**

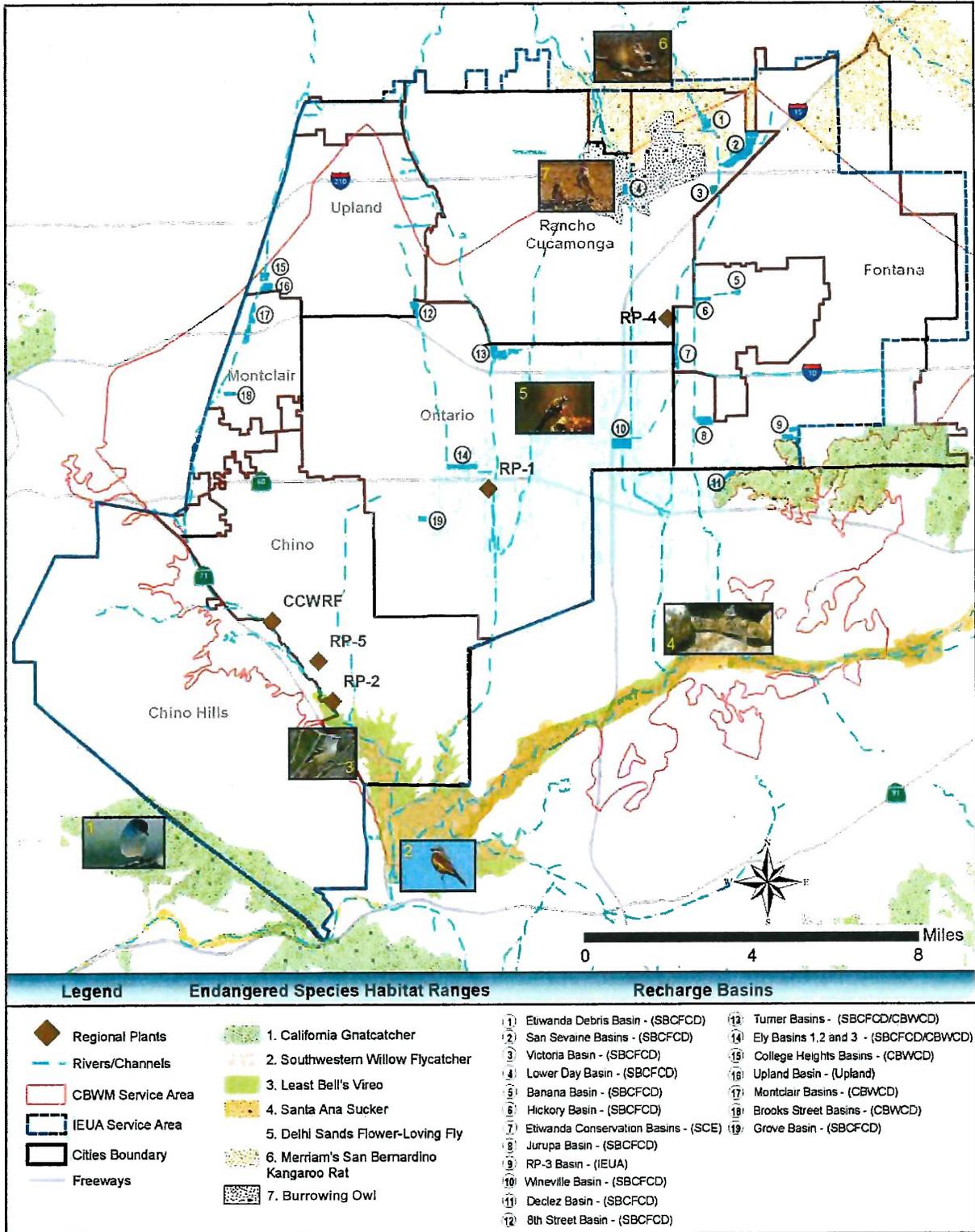
<u>Project Budget</u> \$160,000	<u>Actual Cost to Date</u> \$137,873
------------------------------------	---

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Investigate/Plan	07/01/14	12/31/19	In Progress	\$160,000	\$137,873
				\$160,000	\$137,873

**Cost Sharing Document:** Task Order No. 7 of the Master Agreement of 2014

**Project Update:**

IEUA and Watermaster continues to work with the HCP team to complete the study. Per the Project Manager, the finish date is pushed to Dec. 2019 to address delays from other project partners. This delay is not expected to increase the project budget.



# RMPU PROJECTS



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**SAN SEVAINE IMPROVEMENTS PROJECT  
PROJECT NO. EN13001  
STATUS UPDATE: JUNE 1, 2018**

As part of the 2013 Amendment to the 2010 Recharge Master Plan Update (RMPU), this Project will evaluate, design, and construct basin improvements needed to maximize infiltration and recharge capture at the San Sevaire Basins. The final recommendation from the preliminary development report proposes to implement: (1) a new stormwater / recycled water pump station in Basin 5, (2) directly tying it into an existing RW pipeline, (3) place new pipelines and headwalls into Basins 1, 2, and 3, and (4) install monitoring wells and lysimeters. The proposed improvements will add 642 acre-feet per year of stormwater and 4,100 acre-feet per year of recycled water for groundwater recharge.

**Schedule:**

<u>Project Budget</u>	<u>Actual Cost to Date</u>
\$6,460,000	\$4,048,382

<u>Phase</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
Pre-design	10/01/12	05/14/15	Completed	\$160,000	\$159,898
Environmental Impact	06/26/13	01/20/16	Completed	\$30,000	\$24,283
Design	05/15/15	12/12/16	Completed	\$500,000	\$555,899
Permits	05/15/13	01/31/18	Completed	\$25,000	\$25,000
Bid and Award	12/13/16	09/20/17	Completed	\$5,000	\$5,000
Construction	09/21/17	09/21/18	In Progress	\$5,740,000	\$3,278,302
				\$6,460,000	\$4,048,382

**Grant/Loan Update:**

Awarded a \$750,000 state grant from the Department of Water Resources through the Santa Ana Watershed Project Authority as part of Proposition 84 and a \$375,000 federal grant from the US Bureau of Reclamation.

**Cost Sharing Document:**

- Task Order No. 8 of the Master Agreement of 2014 (August 2014)
- 1<sup>st</sup> Amendment Task Order No. 8 of the Master Agreement of 2014 (April 2015)
- 2<sup>nd</sup> Amendment Task Order No. 8 of the Master Agreement of 2014 (May 2017)

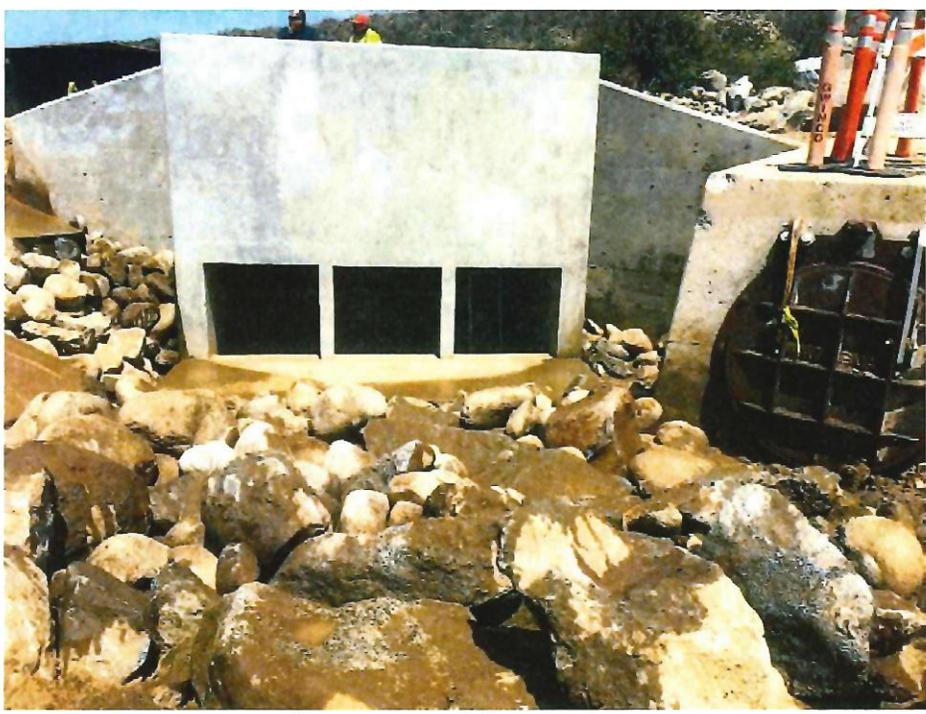
**Project Update:**

- Construction activities for both the basin improvement and installation of the monitoring well are in progress.

- Recently completed construction tasks: leak testing of installed pipes, placement of all buried utilities, and restoration of the asphalt cover on the access road.
- Ongoing construction to completed: the concrete stormwater inlet structure in Basin 5, the modifications to the Recycled Water Turnout, the installation of the electrical control panels, and the placement of the pump and cover for the monitoring well.
- Construction issues:
  - Extended time in receiving the final electrical plans from Southern California Edison to provide electrical power to the new improvements within the Basin, the plans are still with Edison for development and pending to be finalized. The plans are requiring a different location to connect to power. This is extending the development time and will result in an added cost due to the different location. As soon as the plans are finalized, staff will have a detailed estimate for the added cost.
  - Extended time in finalizing the required motor control center and motor starter, the electrical supplier is resubmitting equipment details to confirm the proposed products meet specifications. Earlier submittals failed to meet the Engineer's approval. This resulted in an extended time to discuss and investigate other options. This effort found the other alternatives to be costly and potentially pushing the schedule by 12 to 16 weeks. Staff immediately requested the supplier to revisit their initial submittal and provide the products that can meet the required specifications. Since the material has not been ordered, the extended submittal may push the electrical schedule out by 6 weeks. The contractor is reviewing the overall schedule to evaluate the impact to the completion date.
  - Unforeseen field conditions resulted in the following added scope to the contractor:
    - An unmarked storm drain pipe impacted the pipe placement and needed to be rejected.
    - Another storm drain pipe was discovered in a different location and needed to be adjusted.
    - Abandon a SCE metering system for an existing recharge controller and combine the existing system to the new metering and electrical panel under the new basin improvements. Edison is requiring a single meter instead of two for the area. Additional wiring and electrical equipment are required to connect the existing system to the new.

Construction Activities Photos:





Storm water inlet structure



Storm water inlet structure additional view



The following are the planned expenses and cost to date for deferred RMPU projects:

Project/Phase	Planned Expenses	Actual Cost (to date)
<b>East Declez</b>		
Project Development	\$114,000	\$112,829
<b>Sub-Total</b>	<b>\$114,000</b>	<b>\$112,829</b>
<b>Declez Basin (PID 27)</b>		
Project Development	\$2,600	\$2,600
Preliminary Design	\$71,000	\$3,913
Environmental	\$31,400	
<b>Sub-Total</b>	<b>\$105,000</b>	<b>\$6,513</b>
<b>Turner Basin (PID 14)</b>		
Project Development	\$1,000	\$1,000
Preliminary Design	\$28,400	\$1,605
Environmental	\$12,600	
<b>Sub-Total</b>	<b>\$42,000</b>	<b>\$2,605</b>
<b>Ely Basin (PID 15a)</b>		
Project Development	\$5,900	\$5,900
Preliminary Design	\$159,600	\$8,738
Environmental	\$70,500	
<b>Sub-Total</b>	<b>\$236,000</b>	<b>\$14,638</b>
<b>CSI Basin (PID 18a)</b>		
Project Development	\$2,000	\$2,000
Preliminary Design	\$47,000	\$47,000
Environmental	\$14,017	\$14,017
<b>Sub-Total</b>	<b>\$63,017</b>	<b>\$63,017</b>
<b>Total</b>	<b>\$560,017</b>	<b>\$199,602</b>

**Grant/Loan Update:**

RMPU Project	Funding Programs	Received Grant
<b>Lower Day Basin (PID 12)</b>	Grant Prop. 84 DWR/SAWPA	\$750,000
	USBR - Grant	\$375,000
<b>RP-3 Basin (PID23a)</b>	USBR - Grant	\$300,000
	SWRCB - Stormwater Grant	\$743,350
<b>Wineville/Jurupa/Force Main (PID 23a)</b>	SWRCB - Stormwater Grant	\$7,498,100
<b>Montclair Basin (PID 2))</b>	-	-
<b>Victoria Basin (PID 11)</b>	-	-
<b>Received Total</b>		<b>\$9,666,450</b>

Seeking additional grants for Wineville/Jurupa/Force Main under 2018 USBR WaterSMART Program, \$750,000. See below for application status for the Clean Water State Revolving Fund (CWSRF).

**Cost Sharing Document:**

- Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 1<sup>st</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 2<sup>nd</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (Design Projects)
- 2<sup>nd</sup> Amendment Task Order No. 1 of the Master Agreement of 2014 (Deferred Projects)
- Task Order No. 2 of the Master Agreement of 2014 (PID 12)
- 1<sup>st</sup> Amendment Task Order No. 2 of the Master Agreement of 2014 (PID 12)
- Task Order No. 9 of the Master Agreement of 2014 (PID 23a)
- Task Order No. 10 of the Master Agreement of 2014 (PID 11)
- Task Order No. 11 of the Master Agreement of 2014 (PID 2)

Overview of Task Orders' cost sharing amount with grants:

Deferred Projects (Task Order No.1)	Total
Watermaster	\$497,000
IEUA	\$0
Total	\$497,000
Lower Day Basin (Task Oder No. 2)	Total
Watermaster	\$2,883,000
IEUA	\$0
Grant Funding	\$1,125,000
Total	\$4,008,000
PID 23a (Task Order No. 9)	Total
Watermaster	\$7,554,135
IEUA	\$387,315
SWRCB Grant	\$8,241,450
USBR Grant	\$300,000
Total	\$16,482,900
Victoria Basin (Task Order No. 10)	Total
Watermaster	\$84,400
IEUA	\$84,400
Total	\$168,800
Montclair Basin (Task Order No. 11)	Total
Watermaster	\$1,788,100
IEUA	\$0
Total	\$1,788,100
CSI Basin (Task Order No. 12)	Total
Watermaster	\$63,017
IEUA	\$0
Total	\$63,017

CSI Basin Task Order  
Task Order amendment required to remove CSI and show remaining cost (updated further)

**Project Update:**

- 1) The 85% submittals were received and reviewed in mid-February. The following are updates to each of the on-going RMPU projects:

- a) Victoria Basin – Permit review is completed with the Flood Control. The plans will be finalized before the end of June. When finalized the project will proceed into construction separately from the other RMPU projects.
  - b) Wineville/Jurupa Storm Water Distribution Pipeline – The plans are currently with the Flood Control District for review and comment. The District is requesting three additional weeks to complete their review due to the size of the design plans. The Finalizing the design plans are on hold until review comments are received.
  - c) Montclair Basin – Army Corps is currently reviewing the proposed improvements. They have been delayed in providing their comments. Finalizing the design plans are on hold until review comments are received.
  - d) Lower Day Basin – Flood Control comments were received. The engineer is finalizing the design plans.
- 2) The following is an update to RMPU’s RP-3 Basin Improvement Project:
- a) Award the Demolition and Excavation contract to James McMinn, Inc.
  - b) The remaining Basin Improvement at RP-3 will be combined with other RMPU projects to seek more competitive pricing.
- 3) Update on Clean Water State Revolving Fund (CWSRF) Application (loan assistance for water quality improvement project) – IEUA staff submitted all required application forms to the State Water Board. As discussed, IEUA is expecting SRF funding to be available under the following fiscal year (Fiscal Year 19/20). Notification of funding is expected on April 2019.
- 4) Regulatory Permits Update – The following three regulatory agencies: California Department of Fish & Wildlife, Santa Ana Regional Water Quality Control Board and US Army Corps of Engineers are being notified of the project. Awaiting a response to project notification.

**Schedule - Lower Day (PID 12) & Wineville/Jurupa/Force main (PID 23a):**

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	11/30/18	In Progress
Design	12/18/14	11/30/18	In Progress
Bid and Award	12/03/18	04/17/19	Not Started
Construction	04/18/18	09/30/20	Not Started

**Schedule – Victoria Basin (PID 11) & Montclair Basin (PID 2):**

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	08/07/18	In Progress
Design	12/18/14	08/07/18	In Progress
Bid and Award	08/08/18	12/19/18	Not Started
Construction	12/20/18	12/31/19	Not Started

**Schedule – RP-3 Basin (PID 23a):**

<u>Phases</u>	<u>Start</u>	<u>Finish</u>	<u>Status</u>
Project Development	07/01/14	12/17/14	Completed
Preliminary Design	12/18/14	06/21/17	Completed
Environmental	12/18/14	12/31/17	Completed
Permits	06/22/17	01/09/18	Completed
Design	12/18/14	12/14/17	Completed
Bid and Award	01/10/18	06/20/18	In-Progress
Construction	06/21/18	12/31/19	Not Started

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Recharge Investigation and Projects Committee, PAGE 1 OF 3

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Project Name (Project ID) (Cost Sharing Task Order)	IEUA Project No.	Project Cost To Date	Approved Budget	COST SHARE		BUDGET ALLOCATION			IEUA PROJECT COSTS		CBWM PROJECT COSTS		
				IEUA	CBWM	Grant Funding	IEUA	CBWM	Share on Actual Cost To Date	Remaining Balance	Share on Actual Cost To Date	Invoices Paid To Date	Remaining Balance
<b>Pre-RMPU Ongoing Projects</b>													
GWR SCADA Upgrades (7690.61) (Task No. 4) <sup>1</sup>	EN14047.00	\$ 762,932	\$ 892,000	50%	50%	\$ 139,650	\$ 376,175	\$ 421,875	\$ 321,744	\$ 54,431	\$ 381,466	\$ 346,585	\$ 75,290
COMMUNICATION Upgrades (7690.62) (Task No. 3)	EN12019.00	\$ 1,227,096	\$ 1,227,096	50%	50%	\$ 192,850	\$ 517,123	\$ 517,123	\$ 517,123	\$ -	\$ 517,123	\$ 526,075	\$ (8,952)
Upper Santa Ana River HCP (7690.70) (Task No. 7)	RW15002.00	\$ 137,873	\$ 160,000	50%	50%	\$ -	\$ 80,000	\$ 80,000	\$ 68,937	\$ 11,064	\$ 68,936.50	\$ 59,937	\$ 20,063
<b>SUBTOTAL PRE-RMPU PROJECTS</b>		<b>\$ 2,127,901</b>	<b>\$ 2,279,096</b>	<b>---</b>	<b>---</b>	<b>\$ 332,500</b>	<b>\$ 973,298</b>	<b>\$ 1,018,998</b>	<b>\$ 907,804</b>	<b>\$ 65,494</b>	<b>\$ 967,526</b>	<b>\$ 932,597</b>	<b>\$ 86,401</b>
<b>RMPU Projects</b>													
San Sevaine Improvements PID7 (7690.40) (Task No. 8)	EN13001.00	\$ 4,048,382	\$ 6,460,000	50%	50%	\$ 1,125,000	\$ 2,667,500	\$ 2,667,500	\$ 1,671,681	\$ 995,819	\$ 1,671,681	\$ 368,410	\$ 2,299,090
Lower Day Basin Improvement PID12 (7690.8) (Task No. 2) *	RW15004.00	\$ 443,541	\$ 4,008,000	0%	100%	\$ 1,125,000	\$ -	\$ 2,883,000	\$ -	\$ -	\$ 443,541	\$ 323,712	\$ 2,559,288
East Declz (7690.16) (1st Amendment - Task No. 1) *	RW15003.01	\$ 112,829	\$ 114,000	0%	100%	\$ -	\$ -	\$ 114,000	\$ -	\$ -	\$ 112,829	\$ 112,829	\$ 1,171
Declz Basin PID 27 (7690.21) (Task No. 1) *	RW15003.00	\$ 6,513	\$ 105,000	0%	100%	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ 6,513	\$ 6,513	\$ 98,487
Turner Basins PID14 (7690.21) (Task No. 1) *	RW15003.00	\$ 2,605	\$ 42,000	0%	100%	\$ -	\$ -	\$ 42,000	\$ -	\$ -	\$ 2,605	\$ 2,605	\$ 39,395
Ely Basin PID15a (7690.21) (Task No. 1) *	RW15003.00	\$ 14,638	\$ 236,000	0%	100%	\$ -	\$ -	\$ 236,000	\$ -	\$ -	\$ 14,638	\$ 14,638	\$ 221,362
Victoria Basin Improvements PID11 (7690.25) (Task No. 10) *	RW15003.02	\$ 21,483	\$ 168,800	50%	50%	\$ -	\$ 84,400	\$ 84,400	\$ 10,742	\$ 73,659	\$ 10,742	\$ 6,494	\$ 77,906
Montclair Basin Improvements PID2 (7690.26) (Task No.11) *	RW15003.03	\$ 227,570	\$ 1,788,100	0%	100%	\$ -	\$ -	\$ 1,788,100	\$ -	\$ -	\$ 227,570	\$ 137,584	\$ 1,650,516
CSI Basin Improvements PID 18a (7690.27) (Task No. 12) *	RW15003.04	\$ 63,017	\$ 966,000	0%	100%	\$ -	\$ -	\$ 966,000	\$ -	\$ -	\$ 63,017	\$ 38,099	\$ 927,901
RP3 Basin Improvements PID23a (7690.35) (Task No. 9) *	RW15003.05	\$ 189,211	\$ 1,486,700	50%	50%	\$ 712,070	\$ 387,315	\$ 387,315	\$ 94,606	\$ 292,710	\$ 94,606	\$ 57,196	\$ 330,119
Wineville Basin Improvements PID23a (7690.36) (Task No. 9) *	RW15003.06	\$ 3,588,000	\$ 3,588,000	0%	100%	\$ 1,895,530	\$ -	\$ 1,692,470	\$ -	\$ -	\$ 456,641	\$ 276,075	\$ 1,416,395
Jurupa Basin Improvements PID23a (7690.36) (Task No. 9) *	RW15003.06	\$ 1,908,551	\$ 1,424,000	0%	100%	\$ 741,730	\$ -	\$ 682,270	\$ -	\$ -	\$ 181,231	\$ 109,568	\$ 572,702
Wineville/Jurupa Force Main PID 23a (7690.36) (Task No. 9) *	RW15003.06	\$ 9,984,200	\$ 9,984,200	0%	100%	\$ 5,192,120	\$ -	\$ 4,792,080	\$ -	\$ -	\$ 1,270,679	\$ 768,225	\$ 4,023,855
<b>Post 2014 Storm Water Recharge Program *</b>		<b>\$ 2,989,958</b>	<b>\$ 23,910,800</b>			<b>\$ 9,666,450</b>	<b>\$ 471,715</b>	<b>\$ 13,772,635</b>	<b>\$ 105,347</b>	<b>\$ 366,368</b>	<b>\$ 2,884,611</b>	<b>\$ 1,853,539</b>	<b>\$ 11,919,096</b>
<b>SUBTOTAL RMPU PROJECTS</b>	<b>---</b>	<b>\$ 7,038,340</b>	<b>\$ 30,370,800</b>	<b>---</b>	<b>---</b>	<b>\$ 10,791,450</b>	<b>\$ 3,139,215</b>	<b>\$ 16,440,135</b>	<b>\$ 1,777,028</b>	<b>\$ 1,362,187</b>	<b>\$ 4,556,292</b>	<b>\$ 2,221,949</b>	<b>\$ 14,218,186</b>
<b>GRAND TOTALS</b>	<b>---</b>	<b>\$ 9,166,241</b>	<b>\$ 32,649,896</b>	<b>---</b>	<b>---</b>	<b>\$ 11,123,950</b>	<b>\$ 4,112,513</b>	<b>\$ 17,459,133</b>	<b>\$ 2,684,832</b>	<b>\$ 1,427,681</b>	<b>\$ 5,523,818</b>	<b>\$ 3,154,546</b>	<b>\$ 14,304,588</b>

NOTES:

<sup>1</sup> Watermaster Board approved an additional amount of \$45,700 (50% of the anticipated additional costs of \$91,400) on November 25, 2014 for the Programmable Logic Controller (PLC) replacements at the five Rubber Dam/Basin systems.

Updated: 6/15/2018  
Version: 2018-06

Recharge Investigation and Projects Committee, PAGE 2 OF 3

Project Name	CBWM Fiscal Year 2017/18										CBWM Future Years				
	CURRENT YEAR CBWM BUDGET					CURRENT YEAR CBWM ACTUALS					CBWM FUTURE BUDGET NEEDS				
	Budget Carry-Over	Approved Budget	Approved Budget (Not Assessed or Collected)	Budget Amendments/ Transfers	Total Fiscal Year Budget	Actual to Date (Including Paid & Outstanding Invoices)	Remaining Balance Available	Completed Projects With Available Funds To Be Distributed	CBWM Remaining Projected Costs	Budget Amendment Required? (Yes/No)	Projected CarryOver Funds FY 2017/18	Fiscal Year 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	Fiscal Year 2021/22
<b>Pre RMPU Ongoing Projects</b>															
GWR SCADA Upgrades (7690.61) (Task No. 4)	\$ 173,291	\$ -		\$ -	\$ 173,291	\$ 98,001	\$ 75,290	\$ -	\$ 75,290	No	\$ -	\$ -	\$ -	\$ -	\$ -
COMMUNICATION Upgrades (7690.62) (Task No. 3)	\$ (8,952)	\$ -		\$ -	\$ (8,952)	\$ -	\$ (8,952)	\$ -	\$ (8,952)	No	\$ -	\$ -	\$ -	\$ -	\$ -
Upper Santa Ana River HCP (7690.7) (Task No. 7)	\$ 37,837	\$ -		\$ -	\$ 37,837	\$ 17,774	\$ 20,063	\$ -	\$ 20,063	No	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SUBTOTAL PRE-RMPU PROJECTS</b>	<b>\$ 202,176</b>	<b>\$ -</b>		<b>\$ -</b>	<b>\$ 202,176</b>	<b>\$ 115,775</b>	<b>\$ 86,401</b>	<b>\$ -</b>	<b>\$ 86,401</b>	<b>---</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>RMPU Projects</b>															
San Sevaine Improvements (7690.4) (Task No. 8)	\$ 2,318,352	\$ -		\$ -	\$ 2,318,352	\$ 19,262	\$ 2,299,090	\$ -	\$ 2,299,090	No	\$ -	\$ -	\$ -	\$ -	\$ -
Lower Day Basin Improvement Project (7690.8) (Task No. 2) *	\$ 112,642	\$ 1,026,000	\$ (1,026,000)	\$ -	\$ 112,642	\$ 107,355	\$ 5,287	\$ -	\$ 2,559,288	No	\$ -	\$ 1,570,044	\$ 983,140	\$ 816	\$ -
East Decler Basin (7690.18) (1st Amendment - Task No. 1) *	\$ 1,171	\$ -		\$ -	\$ 1,171	\$ -	\$ 1,171	\$ -	\$ 1,171	No	\$ -	\$ -	\$ -	\$ -	\$ -
Decler Basin PID 27 (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 98,487	No	\$ -	\$ 98,487	\$ -	\$ -	\$ -
Turner Basins PID14 (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,395	No	\$ -	\$ 39,395	\$ -	\$ -	\$ -
Ely Basin PID15a (7690.21) (Task No. 1) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221,362	No	\$ -	\$ 221,362	\$ -	\$ -	\$ -
Victoria Basin Improvements PID11 (7690.25) (Task No. 10) *	\$ -	\$ 32,500	\$ (32,500)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 77,906	No	\$ -	\$ 50,898	\$ 26,164	\$ 844	\$ -
Montclair Basin Improvements PID2 (7690.26) (Task No.11) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,650,516	No	\$ -	\$ 1,078,394	\$ 554,311	\$ 17,811	\$ -
CSI Basin Improvements PID 18a (7690.27) (Task No. 12) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 927,901	No	\$ -	\$ 618,781	\$ 299,460	\$ 9,660	\$ -
RP3 Basin Improvements PID23a (7690.35) (Task No. 9) *	\$ -	\$ 325,000	\$ (325,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,119	No	\$ -	\$ 330,119	\$ -	\$ -	\$ -
Wineville Basin Improvements PID23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,416,395	No	\$ -	\$ 250,000	\$ 1,166,395	\$ -	\$ -
Jurupa Basin Improvements PID23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 572,702	No	\$ -	\$ 150,000	\$ 422,702	\$ -	\$ -
Wineville/Jurupa Force Main PID 23a (7690.36) (Task No. 9) *	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,023,855	No	\$ -	\$ 1,748,188	\$ 2,210,838	\$ 64,829	\$ -
2013 RMPU Amendment Yield Enhancement Projects (7690.15) (Task No. 1) *	\$ 1,205,263	\$ 1,455,500	\$ (1,455,500)	\$ -	\$ 1,205,263	\$ 615,340	\$ 589,923	\$ -	\$ -	No	\$ -	\$ (589,923)	\$ -	\$ -	\$ -
Post 2014 Storm Water Recharge Program *	\$ 1,319,076	\$ 2,839,000	\$ (2,839,000)	\$ -	\$ 1,319,076	\$ 722,695	\$ 596,382	\$ -	\$ 11,919,097	No	\$ -	\$ 5,565,745	\$ 5,663,010	\$ 93,960	\$ -
<b>SUBTOTAL RMPU PROJECTS</b>	<b>\$ 3,637,428</b>	<b>\$ 2,839,000</b>	<b>\$ (2,839,000)</b>	<b>\$ -</b>	<b>\$ 3,637,428</b>	<b>\$ 741,957</b>	<b>\$ 2,895,472</b>	<b>\$ -</b>	<b>\$ 14,218,187</b>	<b>---</b>	<b>\$ -</b>	<b>\$ 5,565,745</b>	<b>\$ 5,663,010</b>	<b>\$ 93,960</b>	<b>\$ -</b>
<b>GRAND TOTALS</b>	<b>\$ 3,839,604</b>	<b>\$ 2,839,000</b>	<b>\$ (2,839,000)</b>	<b>\$ -</b>	<b>\$ 3,839,604</b>	<b>\$ 857,732</b>	<b>\$ 2,981,873</b>	<b>\$ -</b>	<b>\$ 14,304,588</b>	<b>---</b>	<b>\$ -</b>	<b>\$ 5,565,745</b>	<b>\$ 5,663,010</b>	<b>\$ 93,960</b>	<b>\$ -</b>

NOTES:

Columns B12-B15 \$ 11,322,715  
 Column B7 \$ 2,981,873  
 Column B9 \$ 14,304,588

Updated: 6/15/2018  
 Version: 2018-06

Recharge Investigation and Projects Committee, (COMPLETED PROJECTS) PAGE 3 of 3

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15
Project Name	CBWM Fiscal Year 2017/18									CBWM Future Years				
	CURRENT YEAR CBWM BUDGET				CURRENT YEAR CBWM ACTUALS					CBWM FUTURE BUDGET NEEDS				
	Budget Carry-Over	Approved Budget	Budget Amendments/ Transfers	Total Fiscal Year Budget	Actual to Date (Including Paid & Outstanding Invoices)	Remaining Balance Available	Completed Projects With Available Funds To Be Distributed <sup>1</sup>	CBWM Remaining Projected Costs	Budget Amendment Required? (Yes/No)	Projected CarryOver Funds FY 2017/18	Fiscal Year 2018/19	Fiscal Year 2019/20	Fiscal Year 2020/21	Fiscal Year 2021/22
<b>Pre RMPU Ongoing Projects</b>														
CB20 Noise Mitigation (7690.5) COMPLETED	\$ 860	\$ -	\$ -	\$ 860	\$ -	\$ -	\$ 860	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Wineville Proof of Concept (7209.2) (Task No. 6) COMPLETED	\$ 35,398	\$ -	\$ -	\$ 35,398	\$ -	\$ -	\$ 35,398	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Jurupa Pump Station (7209.1) (Task No. 5) COMPLETED	\$ 37,981	\$ -	\$ -	\$ 37,981	\$ -	\$ -	\$ 37,981	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
Hickory Basin (7690.3) COMPLETED	\$ 3,877	\$ -	\$ -	\$ 3,877	\$ -	\$ -	\$ 3,877	\$ -	No	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SUBTOTAL PRE-RMPU PROJECTS</b>	<b>\$ 78,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 78,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 78,116</b>	<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>RMPU Projects</b>														
<b>SUBTOTAL RMPU PROJECTS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>GRAND TOTALS</b>	<b>\$ 78,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 78,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 78,116</b>	<b>\$ -</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Updated: 6/15/2018  
Version: 2018-06

NOTES:

<sup>1</sup> \$78,116 of the Carry-Over funds could be (1) allocated to other projects; (2) kept in reserve; or (3) refunded to the Appropriators on the next Assessment. CB20 Noise Mitigation of \$860; Wineville Project of \$35,398; Jurupa Pump Station of \$37,981; and Hickory Basin of \$3,877 = \$78,116.

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